

Set	Items	Description
S1	60	(COMPETITIVE OR COUNTER) () (OFFER? ? OR BID???) OR COUNTEROFFER? ?
S2	2620	SHOPBOT? ? OR ELECTRONIC() CATALOG OR (SHOP OR SHOPPING OR - BUY OR BUYING) (2N) (CART? ? OR BASKET? ? OR AGENT? ? OR SPIDER? ? OR TOOL OR UTILITY OR BROWSER? ? OR PROGRAM? ? OR SCRIPT? ? OR APPLICATION? ? OR SOFTWARE? ?)
S3	1990682	VIRTUAL OR UNIVERSAL OR DETACH? OR SEPARAT? OR DISENGAG? OR DISCONNECT? OR SPLIT? OR UNCOUPL? OR BREAK() (OFF OR AWAY)
S4	3721730	MOBILE OR PORTABLE OR MOVABLE OR PORTATIVE OR TRANSPORTABLE OR TAKE(1W) WITH OR FLUID OR FREE OR LIQUID OR CARRIED OR MIGRANT OR MIGRATORY
S5	2895711	AUTOMAT? OR SELECTIVELY OR DYNAMIC? OR REAL() TIME OR REALTIME OR IMMEDIATE? OR INSTANT? OR INTERACTIV? OR ITERAT? OR MODIFIABL? OR ON(1W) FLY OR FLEXIB? OR ADAPTABL? OR ALTERABL? OR ALTERNAT? OR CHANGEABL? OR CONVERTIBL? OR ADJUSTABL?
S6	6004599	UPDAT??? OR CHANG??? OR COMPAR??? OR COMPARISON OR ADJUSTMENT OR ADJUST??? OR ALTER??? OR CONVERT??? OR MODIF???? OR REDUC??? OR REFRESH OR RENEWED OR REPLACE
S7	4244312	PRICE OR PRICES OR PRICING OR COST OR COSTS OR AMOUNT? ? OR TOTAL? ? OR OFFER? ? OR BID? ? OR DEAL OR FIGURE OR SUM
S8	317193	HOST? ? OR MERCHANT? OR SELLER? OR RETAILER? OR MANUFACTURER? OR TRADER? OR SUPPLIER? OR VENDOR? OR DEALER? OR SITE? ? - OR WEBSITE? ? OR WEB() SITE? ? OR WEBPAGE? ? OR WEB() PAGE? ?
S9	3666141	FIRST OR INITIAL OR MAIN OR ORIGINAL OR STARTER OR STARTING OR PRIMARY OR EARLIER OR BEGINNING
S10	5740108	ALTERNATIVE OR OTHER OR ANOTHER OR DIFFERENT OR SECOND
S11	2906464	MANY OR MULTIPL? OR MULTI OR SEVERAL OR NUMEROUS? OR PLURAL? OR MYRIAD OR VARIOUS? OR VARIED OR DUAL? OR (MORE OR GREATER) () THAN () (1 OR ONE)
S12	1	S1 AND S2

File 344:Chinese Patents Abs Aug 1985-2004/May
(c) 2004 European Patent Office
File 347:JAPIO Nov 1976-2004/May(Updated 040903)
(c) 2004 JPO & JAPIO
File 350:Derwent WPIX 1963-2004/UD,UM &UP=200458
(c) 2004 Thomson Derwent

12/5/1 (Item 1 from file: 350)
DIALOG(R)File 350:Derwent WPIX
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014870096

WPI Acc No: 2002-690802/200274

XRPX Acc No: N02-544955

On-line virtual shopping cart management system in e-commerce application, changes information about host merchant's item in virtual shopping cart dynamically, with respect to rival merchant's offer

Patent Assignee: INT BUSINESS MACHINES CORP (IBMC)

Inventor: EHRLICH M A; KRAFT R; RUVOLO J

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
US 20020111873	A1	20020815	US 2001780812	A	20010210	200274 B

Priority Applications (No Type Date): US 2001780812 A 20010210

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
US 20020111873	A1	14	G06F-017/60	

Abstract (Basic): US 20020111873 A1

NOVELTY - A **shopping cart** manager creates and manages a virtual **shopping cart** containing information about an item offered by a host merchant. An extraction/verification module compares the offers of the host merchant and a rival merchant. A **counter offer** module dynamically changes item information in the **shopping cart** based on the comparison result, to reflect changes in the host merchant's offer.

DETAILED DESCRIPTION - INDEPENDENT CLAIMS are included for the following:

(1) On-line virtual **shopping cart** management method; and

(2) Computer program product for on-line virtual **shopping cart** management.

USE - For managing on-line virtual **shopping cart** in e-business, e-shopping or e-commerce applications through Internet.

ADVANTAGE - Allows host merchant to develop an optimal pricing and **counter offer** strategy against the rival merchant. Allows a shopper to perform comparison shopping on-line and to have control over the comparison shopping search.

pp; 14 DwgNo 0/3

Title Terms: LINE; VIRTUAL; SHOPPING; CART; MANAGEMENT; SYSTEM; APPLY; CHANGE; INFORMATION; HOST; MERCHANT; ITEM; VIRTUAL; SHOPPING; CART; DYNAMIC; RESPECT; MERCHANT; OFFER

Derwent Class: T01

International Patent Class (Main): G06F-017/60

File Segment: EPI

Set	Items	Description
S1	60	(COMPETITIVE OR COUNTER) () (OFFER? ? OR BID???) OR COUNTEROFFER? ?
S2	2620	SHOPBOT? ? OR ELECTRONIC() CATALOG OR (SHOP OR SHOPPING OR -BUY OR BUYING) (2N) (CART? ? OR BASKET? ? OR AGENT? ? OR SPIDER? ? OR TOOL OR UTILITY OR BROWSER? ? OR PROGRAM? ? OR SCRIPT? ? OR APPLICATION? ? OR SOFTWARE? ?)
S3	1990682	VIRTUAL OR UNIVERSAL OR DETACH? OR SEPARAT? OR DISENGAG? OR DISCONNECT? OR SPLIT? OR UNCOUPL? OR BREAK() (OFF OR AWAY)
S4	3721730	MOBILE OR PORTABLE OR MOVABLE OR PORTATIVE OR TRANSPORTABLE OR TAKE(1W) WITH OR FLUID OR FREE OR LIQUID OR CARRIED OR MIGRANT OR MIGRATORY
S5	2895711	AUTOMAT? OR SELECTIVELY OR DYNAMIC? OR REAL() TIME OR REALTIME OR IMMEDIATE? OR INSTANT? OR INTERACTIV? OR ITERAT? OR MODIFIABL? OR ON(1W) FLY OR FLEXIB? OR ADAPTABL? OR ALTERABL? OR ALTERNAT? OR CHANGEABL? OR CONVERTIBL? OR ADJUSTABL?
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S8	317193	HOST? ? OR MERCHANT? OR SELLER? OR RETAILER? OR MANUFACTURER? OR TRADER? OR SUPPLIER? OR VENDOR? OR DEALER? OR SITE? ? - OR WEBSITE? ? OR WEB() SITE? ? OR WEBPAGE? ? OR WEB() PAGE? ?
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S10	5740108	ALTERNATIVE OR OTHER OR ANOTHER OR DIFFERENT OR SECOND
S11	2906464	MANY OR MULTIPL? OR MULTI OR SEVERAL OR NUMEROUS? OR PLURAL? OR MYRIAD OR VARIOUS? OR VARIED OR DUAL? OR (MORE OR GREATER) () THAN () (1 OR ONE)
S12	1	S1 AND S2
S13	278075	S5 AND S6 AND S7
S14	294	S2 AND S3
S15	15	S13 AND S14
S16	2	S15 AND S4

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File 344:Chinese Patents Abs Aug 1985-2004/May
(c) 2004 European Patent Office
File 347:JAPIO Nov 1976-2004/May(Updated 040903)
(c) 2004 JPO & JAPIO
File 350:Derwent WPIX 1963-2004/UD,UM &UP=200458
(c) 2004 Thomson Derwent

16/5/1 (Item 1 from file: 350)
DIALOG(R)File 350:Derwent WPIX
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014969375 **Image available**
WPI Acc No: 2003-029889/200302
Related WPI Acc No: 2002-713575
XRAM Acc No: C03-006777
XRPX Acc No: N03-023679

Display device e.g. for billboards, has a composition, visible between anodic and cathodic electrodes, comprising compound that undergoes electron transfer reaction, indicator dye(s) and charge transport material

Patent Assignee: DOW GLOBAL TECHNOLOGIES INC (DOWC); BABINEC S J (BABI-I); CHEN Y (CHEN-I); DERMODY D L (DERM-I); VINCENT J B (VINC-I)

Inventor: BABINEC S J; CHEN Y; DERMODY D L; VINCENT J B

Number of Countries: 098 Number of Patents: 006

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
WO 200275441	A2	20020926	WO 2002US8601	A	20020319	200302 B
AU 200227461	A	20020926	AU 200227461	A	20020319	200302
US 20020171081	A1	20021121	US 2001277030	P	20010319	200302
			US 2002102236	A	20020319	
BR 200208151	A	20040302	BR 20028151	A	20020319	200419
			WO 2002US8601	A	20020319	
EP 1412811	A2	20040428	EP 2002719294	A	20020319	200429
			WO 2002US8601	A	20020319	
AU 2002250385	A1	20021003	AU 2002250385	A	20020319	200432

Priority Applications (No Type Date): US 2001277030 P 20010319; US 2002102236 A 20020319

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
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WO 200275441	A2	E	33	G02F-001/15	
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Designated States (National): AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ YU ZA ZM ZW

Designated States (Regional): AT BE CH CY DE DK EA ES FI FR GB GR IE IT LI LT LU LV MC MK NL OA PT SD SE SL SZ TR TZ UG ZM ZW

AU 200227461	A			G02F-001/15	
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US 20020171081	A1			H01L-035/24	Provisional application US 2001277030
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BR 200208151	A			G02F-001/15	Based on patent WO 200275441
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EP 1412811	A2	E		G02F-001/15	Based on patent WO 200275441
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Designated States (Regional): AL AT BE CH CY DE DK ES FI FR GB GR IE IT LI LT LU LV MC MK NL PT RO SE SI TR

AU 2002250385	A1			G02F-001/15	Based on patent WO 200275441
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Abstract (Basic): WO 200275441 A2

NOVELTY - A display device contains a composition (15), visible between anodic and cathodic electrodes (13, 14), comprising:

(a) a compound that undergoes a reversible electron transfer reaction, preferably at the electrode surface, with a subsequent **change** in its protic state resulting in a pH gradient in the device;

(b) indicator dye(s); and

(c) a charge transport material

DETAILED DESCRIPTION - INDEPENDENT CLAIMS are included for the following:

(1) A composition comprising a compound that undergoes an electron transfer reaction with subsequent **change** in its protic state, indicator dye(s) **changing** color when a **change** in pH occurs, an ionically conductive material and optionally a matrix material when the ionically conductive material is a **fluid** ;

(2) An article comprising a film further comprising the composition

on a substrate; and

(3) A method for assembling an electrochromic display device by providing an electrochromic ink, dissolving a secondary competitive binder in the ink, adding and mixing a gel-forming polymer, screen printing or stencil printing the mixture onto a substrate and heating the printed mixture to cause the mixture to gel.

USE - The display device may be used in e.g. greeting cards, direct mail, free-standing inserts, coupons, bookmarks, postcards, movie/event tickets, e-books, e-newspapers, e-magazines, e-catalogs, e-directories, e-forms, maps, menus, workbooks, educational pieces, stored value/smart cards (e.g. credit cards, debit cards, loyalty cards, health cards, phone cards, transit cards), travelers checks, passports, visas, radio frequency identification (RFID) tags, cellular phones, pagers, games, toys, watches, calculators, point-of-purchase displays, billboards, transit advertising, floor graphics, hanging banners, vehicle graphics, shopping cart displays, shelf-edge labels, packaged goods applications, shopping bags, display embedded into articles of clothing, display embedded into upholstery, disposable/low-cost camera, eye chart, changeable wallpaper, novelty products, industrial process equipment, gas pump, road construction sign, information display on exterior of automobile or mail delivery notices on mailboxes.

ADVANTAGE - The display device of the invention possesses ease of manufacture, relatively low power (voltage) requirements, ease of attaining multi-color and different color systems without significant redesign, relatively fast response times and/or relatively long lifetime.

DESCRIPTION OF DRAWING(S) - The figure shows a cross-section of a display device of the invention.

Electrodes (13, 14)

Composition (15)

pp; 33 DwgNo 1/1

Title Terms: DISPLAY; DEVICE; COMPOSITION; VISIBLE; ANODE; CATHODE;

ELECTRODE; COMPRISE; COMPOUND; ELECTRON; TRANSFER; REACT; INDICATE; DYE; CHARGE; TRANSPORT; MATERIAL

Derwent Class: A18; A25; A89; E19; E24; L03; P81; U11; U14

International Patent Class (Main): G02F-001/15; H01L-035/24

International Patent Class (Additional): C09K-009/02; G02F-001/17;

H01L-051/00

File Segment: CPI; EPI; EngPI

16/5/2 (Item 2 from file: 350)

DIALOG(R)File 350:Derwent WPIX

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014114799 **Image available**

WPI Acc No: 2001-599011/200168

XPX Acc No: N01-446796

Mobile point-of-sale terminal has computer, scanner and printer mounted on trolley, can be detached from trolley for separate hand-held operation

Patent Assignee: INT COMPUTERS LTD (INCM); FUJITSU SERVICES LTD (FUJI-N)

Inventor: KEOHANE K M

Number of Countries: 001 Number of Patents: 002

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
GB 2358727	A	20010801	GB 200025854	A	20001023	200168 B
GB 2358727	B	20030813	GB 200025854	A	20001023	200355

Priority Applications (No Type Date): GB 20001849 A 20000128

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
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GB 2358727	A		7	G07G-001/00	
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GB 2358727	B			G07G-001/00	
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Abstract (Basic): GB 2358727 A

NOVELTY - A computer (11), a scanner (12), and a printer (13) mounted on trolley (10) are powered from their own battery packs. The computer, the scanner and the printer can be **detached** from the trolley for **separate** hand-held operation. The trolley contains basket shelf (15) for holding loaded **shopping basket** and carrier bag dispenser (17).

USE - **Mobile** point-of-sale (POS) terminal used inside or outside the store.

ADVANTAGE - Provides low **cost**, **flexible** novel **mobile** POS terminal for replacing low usage checkout, or use as an additional checkout for periods of high activity. **Reduces** selling space, as POS terminal is of small size. Provides increased customer service by increasing the speed of checkout. As the computer and scanner mounted in POS terminal can be used for other in-store tasks such as **price** verification, stock checking, incident reporting and consultative selling, **flexibility** of the terminal is increased.

DESCRIPTION OF DRAWING(S) - The **figure** shows the **mobile** point-of-sale terminal.

Trolley (10)

Computer (11)

Scanner (12)

Printer (13)

Basket shelf (15)

Carrier bag dispenser (17)

pp; 7 DwgNo 1/1

Title Terms: **MOBILE**; POINT; SALE; TERMINAL; COMPUTER; SCAN; PRINT; MOUNT; TROLLEY; CAN; **DETACH**; TROLLEY; **SEPARATE**; HAND; HELD; OPERATE

Derwent Class: Q22; T05

International Patent Class (Main): G07G-001/00

International Patent Class (Additional): B62B-003/14

File Segment: EPI; EngPI

Set	Items	Description
S1	1030	(COMPETITIVE OR COUNTER) () (OFFER? ? OR BID???) OR COUNTEROFFER? ?
S2	4542	SHOPBOT? ? OR ELECTRONIC() CATALOG OR (SHOP OR SHOPPING OR - BUY OR BUYING) (2N) (CART? ? OR BASKET? ? OR AGENT? ? OR SPIDER? ? OR TOOL OR UTILITY OR BROWSER? ? OR PROGRAM? ? OR SCRIPT? ? OR APPLICATION? ? OR SOFTWARE? ?)
S3	193255	VIRTUAL OR UNIVERSAL
S4	649989	DETACH? OR SEPARAT? OR DISENGAG? OR DISCONNECT? OR SPLIT? - OR UNCOUPL? OR BREAK() (OFF OR AWAY)
S5	1735670	MOBILE OR PORTABLE OR MOVABLE OR PORTATIVE OR TRANSPORTABLE OR TAKE(1W) WITH OR FLUID OR FREE OR LIQUID OR CARRIED OR MIGRANT OR MIGRATORY
S6	2434209	AUTOMAT? OR SELECTIVELY OR DYNAMIC? OR REAL() TIME OR REALTIME OR IMMEDIATE? OR INSTANT? OR INTERACTIV? OR ITERAT? OR MODIFIABL? OR ON(1W) FLY OR FLEXIB? OR ADAPTABL? OR ALTERABL? OR ALTERNAT? OR CHANGEABL? OR CONVERTIBL? OR ADJUSTABL?
S7	4190917	UPDAT??? OR CHANG??? OR COMPAR??? OR COMPARISON OR ADJUSTMENT OR ADJUST??? OR ALTER??? OR CONVERT??? OR MODIF???? OR REDUC??? OR REFRESH OR RENEWED OR REPLACE
S8	2939286	PRICE OR PRICES OR PRICING OR COST OR COSTS OR AMOUNT? ? OR TOTAL? ? OR OFFER? ? OR BID? ? OR DEAL OR FIGURE OR SUM
S9	1036886	HOST? ? OR MERCHANT? OR SELLER? OR RETAILER? OR MANUFACTURER? OR TRADER? OR SUPPLIER? OR VENDOR? OR DEALER? OR SITE? ? - OR WEBSITE? ? OR WEB() SITE? ? OR WEBPAGE? ? OR WEB() PAGE? ?
S10	3009909	FIRST OR INITIAL OR MAIN OR ORIGINAL OR STARTER OR STARTING OR PRIMARY OR EARLIER OR BEGINNING
S11	3810965	ALTERNATIVE OR OTHER OR ANOTHER OR DIFFERENT OR SECOND OR - RIVAL
S12	3058377	MANY OR MULTIPL? OR MULTI OR SEVERAL OR NUMEROUS? OR PLURAL? OR MYRIAD OR VARIOUS? OR VARIED OR DUAL? OR (MORE OR GREATER) () THAN () (1 OR ONE)
S13	50630	(E OR ELECTRONIC OR ONLINE OR ON() LINE OR INTERNET) (W) (COMMERCE OR SHOPPING OR RETAIL OR BUSINESS)
S14	3	S1 AND S2
S15	3	RD (unique items)
S16	148808	S6 AND S7 AND S8
S17	124	S2 AND S3
S18	3	S16 AND S17
S19	3	RD (unique items)
S20	351	S2 AND (S4 OR S5)
S21	13	S20 AND S16
S22	13	RD (unique items)
S23	5	S22 AND S13

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File 2:INSPEC 1969-2004/Sep W1
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File 35:Dissertation Abs Online 1861-2004/Aug
(c) 2004 ProQuest Info&Learning

File 65:Inside Conferences 1993-2004/Sep W2
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File 99:Wilson Appl. Sci & Tech Abs 1983-2004/Aug
(c) 2004 The HW Wilson Co.

File 233:Internet & Personal Comp. Abs. 1981-2003/Sep
(c) 2003 EBSCO Pub.

File 474:New York Times Abs 1969-2004/Sep 13
(c) 2004 The New York Times

File 475:Wall Street Journal Abs 1973-2004/Sep 13
(c) 2004 The New York Times

File 583:Gale Group Globalbase(TM) 1986-2002/Dec 13
(c) 2002 The Gale Group

File 139:EconLit 1969-2004/Sep
(c) 2004 American Economic Association

23/5/1 (Item 1 from file: 2)
DIALOG(R)File 2:INSPEC
(c) 2004 Institution of Electrical Engineers. All rts. reserv.

7551644 INSPEC Abstract Number: C2003-04-7180-023
Title: **Designing a knowledge-based interface for intelligent shopping agents**
Author(s): Zahir, S.
Author Affiliation: Lethbridge Univ., Alta., Canada
Journal: Journal of Computer Information Systems vol.43, no.1 p. 31-41
Publisher: Int. Assoc. Comput. Inf. Syst,
Publication Date: Fall 2002 Country of Publication: USA
CODEN: JCISE9 ISSN: 0887-4417
SICI: 0887-4417(200223)43:1L:31:DKBI;1-T
Material Identity Number: J594-2002-005
Language: English Document Type: Journal Paper (JP)
Treatment: Applications (A); Bibliography (B); Practical (P)
Abstract: By using the ratings from merchant- **comparison** engines and incorporating personal preferences of online customers, we design a knowledge-based interface. Such a system can individualize more appropriately to specific customers' preferences and thus optimize the selection of e-retailers for a **price - comparison shopping agent** to look for bargains. This **interactive** intelligent interface can potentially lead to a hybrid agent technology that can effectively **free** online customers from information overload and make **e - commerce** transactions more efficient and meaningful. (51 Refs)
Subfile: C
Descriptors: **electronic commerce** ; home shopping; Internet; search engines; software agents; user interfaces
Identifiers: merchant- **comparison** engines; personal preferences; online customers; knowledge-based interface; e-retailer selection; **price - comparison shopping agent** ; bargains; hybrid agent technology; **e - commerce** transactions; intelligent **shopping agents**
Class Codes: C7180 (Retailing and distribution computing); C6170 (Expert systems and other AI software and techniques); C7830 (Home computing); C7250N (Search engines); C6180 (User interfaces); C6150N (Distributed systems software)
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23/5/2 (Item 1 from file: 35)
DIALOG(R)File 35:Dissertation Abs Online
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01839358 ORDER NO: AADAA-I3016380
Mobile **software agent enabled e - commerce : System design and profit maximizing algorithms**
Author: Dasgupta, Prithviraj
Degree: Ph.D.
Year: 2001
Corporate Source/Institution: University of California, Santa Barbara (0035)
Chairperson: Louise Moser
Source: VOLUME 62/06-B OF DISSERTATION ABSTRACTS INTERNATIONAL.
PAGE 2788. 132 PAGES
Descriptors: COMPUTER SCIENCE
Descriptor Codes: 0984
ISBN: 0-493-27072-8

With the emergence of the Internet, **e - commerce** has become an attractive means of conducting business. **Mobile** agents consist of code and data that can move from one computer to another over the Internet, and **offer** a suitable paradigm for implementing **e - commerce** processes online. In this dissertation research, we describe a Java **mobile agent** based system that we have developed, called MAGNET (**Mobile Agents** for

Networked Electronic Trading), for **comparison** shopping over the Internet. In MAGNET, an online buyer creates a **shopping agent** that visits different seller sites on the Internet and returns with the best **offer** that it can find. MAGNET can also be used by online sellers to deploy sales agents that proactively approach buyers to sell their items. For MAGNET we have developed algorithms that improve the sellers' profits by **dynamically adjusting the price** of the items being sold. These algorithms increase an online seller's profits by 16–20% as **compared** to earlier **dynamic pricing** algorithms. Finally, we present protocols that we have developed for the security and reliability of the agents and agent-servers in MAGNET.

23/5/3 (Item 1 from file: 233)

DIALOG(R)File 233:Internet & Personal Comp. Abs.

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00612003 00WQ10-003

Web sites off the rack

Tapper, Sandy

Web Techniques , October 1, 2000 , v5 n10 p25-29, 5 Page(s)

ISSN: 1086-556X

Languages: English

Document Type: Buyer and Vendor Guide

Geographic Location: United States

Presents a buyers' guide to template Web sites. Displays a table **comparing** six services from five providers on pages, styles, **cost** , domain name, and **shopping cart** add-on. Products reviewed are: IBM Web Starter Kits (\$499) from IBM Corp.; IBM HomePage Creator (\$24) from IBM Corp.; ImageCafe EasyStart (\$9) from Network Solutions; Microsoft Site Manager (\$19) from Microsoft Corp.; Bigstep (**free**) from Bigstep; WebNow Starter Package (**free**) from WebNow. Cites advantages of an **instant** presence on the Internet, point-and-click simplicity, and affordability. Mentions, however, that the gains may be offset by a loss of control, inability to customize, and lack of a strong image that differentiates companies from their competitors. Warns business owners against letting an inexpensive design drive their companies' site content or business strategy. Includes two tables and two screen displays. (MEM)

Descriptors: Template; Web Sites; Web Tools; Web Page Authoring; Design; **Electronic Shopping**

23/5/4 (Item 1 from file: 583)

DIALOG(R)File 583:Gale Group Globalbase(TM)

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09390642

Relaunch for web package

NEW ZEALAND: EXO-NET TO REINTRODUCE SOFTWARE

New Zealand Herald (XAV) 24 Oct 2000 Online

Language: ENGLISH

In the last week of October 2000, exo-net will be launching its newly packaged easyshop Internet storefront software under the label LavaStream in New Zealand. Priced at NZ\$ 13,000, the LavaStream package **offers** small enterprises a program with certain integrated ERP (enterprise resource planning) features. The package also contains domain name registration and Internet **shop software** . In addition, either Iprolink or Asia Online will be providing web hosting for three months. The two firms are providers of business Internet services. LavaStream allows users to make **changes** to their websites without connecting to the Internet. The **changes** will be uploaded **automatically** by the hosting Internet service provider (ISP). According to Steve Rieger, the general manager of exo-net, a 20-staff powered business will have to pay NZ\$ 2,000 per head to obtain five licences for the new software. On top of that, the whole package will **cost** between NZ\$ 23,000 and NZ\$ 28,000 for data translation and extra web

design work. Separately , by 25 December 2000, exo-net plans to launch branches in Britain and Malaysia. Exo-net is an e - commerce firm.

COMPANY: EXO-NET; INTERNET

EVENT: Product Design & Development (33); Planning & Information (22);

Company Formation (12); Company Formation (14);

COUNTRY: Malaysia (9MAO); United Kingdom (4UK); New Zealand (9NEZ);

23/5/5 (Item 2 from file: 583)

DIALOG(R)File 583:Gale Group Globalbase(TM)

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06689158

Inexpensive set-top boxes unleash Internet Tv

JAPAN: SET-TOP BOXES PROMOTE USE OF INTERNET TV

The Japan Times (XAO) 10 Sep 1998 P.8

Language: ENGLISH

According to the government, around 99% of households in Japan have colour TVs and 93% have telephones in Japan. Since the iBOX was released in 1996 by Japan Computer Corp, other set-top boxes had also been introduced in Japan. It is believed that the set-top boxes that enable Internet access will be installed into the TV so that no TV will be sold without its own built-in Internet capability. TV stations will also adjust their programs to allow access to Internet pages and text information can be readable using the TV's internal modem. Viewers will then be able to interact with TV programs using their remote controllers. This will enable viewers to respond immediately to advertisements and telephone shopping programs will be connected to online shopping sites. The iBOX is the first set-top box launched in Japan. There are different versions of the iBOX, including the Super iBOX Home for ISDN connections, iBOX-1 for general family use and the iBOX-1c for use with cable modems and dial-up routers and the Super iBOXc compatible with a keyboard and mouse. Web TV Networks began its Web TV service with Sony Corp that sold the set-top box. Web TV offers its own informative content, including seasonal information and it is the only set-top box that can perform all 4 main Internet services, inclusive of Net surfing, e-mail, news group reading and online chat. MULCO from NEC Home Electronics has a detachable digital camera that allows both vocal and visual information to be transmitted. It focuses on communication functions rather than Net surfing and thus it has the least options for displaying World Wide Web pages. However it is also the only device that can save e-mail messages for future use. NCTV is the first set-top box to connect Internet data closely with TV broadcasts. User can check Internet information using a big portion of the display while a TV program is playing in one small part of the display.

COMPANY: NEC HOME ELECTRONICS; SONY; WEB TV NETWORKS; ISDN; INTERNET;
JAPAN COMPUTER

PRODUCT: Computers & Auxiliary Equip (3573); Communications Equip ex Tel (3662); Television Equipment (3651TV); Consumer Electronics (3650); Database Vendors (7375);

EVENT: Market & Industry News (60);

COUNTRY: Japan (9JPN);

Set	Items	Description
S1	60	(COMPETITIVE OR COUNTER) () (OFFER? ? OR BID???) OR COUNTEROFFER? ?
S2	2620	SHOPBOT? ? OR ELECTRONIC() CATALOG OR (SHOP OR SHOPPING OR -BUY OR BUYING) (2N) (CART? ? OR BASKET? ? OR AGENT? ? OR SPIDER? ? OR TOOL OR UTILITY OR BROWSER? ? OR PROGRAM? ? OR SCRIPT? ? OR APPLICATION? ? OR SOFTWARE? ?)
S3	1990682	VIRTUAL OR UNIVERSAL OR DETACH? OR SEPARAT? OR DISENGAG? OR DISCONNECT? OR SPLIT? OR UNCOUPL? OR BREAK() (OFF OR AWAY)
S4	3721730	MOBILE OR PORTABLE OR MOVABLE OR PORTATIVE OR TRANSPORTABLE OR TAKE(1W) WITH OR FLUID OR FREE OR LIQUID OR CARRIED OR MIGRANT OR MIGRATORY
S5	2895711	AUTOMAT? OR SELECTIVELY OR DYNAMIC? OR REAL() TIME OR REALTIME OR IMMEDIATE? OR INSTANT? OR INTERACTIV? OR ITERAT? OR MODIFIABL? OR ON(1W) FLY OR FLEXIB? OR ADAPTABL? OR ALTERABL? OR ALTERNAT? OR CHANGEABL? OR CONVERTIBL? OR ADJUSTABL?
S6	6004599	UPDAT??? OR CHANG??? OR COMPAR??? OR COMPARISON OR ADJUSTMENT OR ADJUST??? OR ALTER??? OR CONVERT??? OR MODIF???? OR REDUC??? OR REFRESH OR RENEWED OR REPLACE
S7	4244312	PRICE OR PRICES OR PRICING OR COST OR COSTS OR AMOUNT? ? OR TOTAL? ? OR OFFER? ? OR BID? ? OR DEAL OR FIGURE OR SUM
S8	317193	HOST? ? OR MERCHANT? OR SELLER? OR RETAILER? OR MANUFACTURER? OR TRADER? OR SUPPLIER? OR VENDOR? OR DEALER? OR SITE? ? - OR WEBSITE? ? OR WEB() SITE? ? OR WEBPAGE? ? OR WEB() PAGE? ?
S9	3666141	FIRST OR INITIAL OR MAIN OR ORIGINAL OR STARTER OR STARTING OR PRIMARY OR EARLIER OR BEGINNING
S10	5740108	ALTERNATIVE OR OTHER OR ANOTHER OR DIFFERENT OR SECOND
S11	2906464	MANY OR MULTIPL? OR MULTI OR SEVERAL OR NUMEROUS? OR PLURAL? OR MYRIAD OR VARIOUS? OR VARIED OR DUAL? OR (MORE OR GREATER) () THAN() (1 OR ONE)
S12	1	S1 AND S2
S13	278075	S5 AND S6 AND S7
S14	294	S2 AND S3
S15	15	S13 AND S14
S16	2	S15 AND S4
S17	10538	(E OR ELECTRONIC OR ONLINE OR ON() LINE OR INTERNET) () (COMMERCE OR SHOPPING OR RETAIL OR BUSINESS)
S18	348	S17 AND S2
S19	46	S18 AND S3
S20	4	S19 AND S4

?

File 344:Chinese Patents Abs Aug 1985-2004/May

(c) 2004 European Patent Office

File 347:JAPIO Nov 1976-2004/May(Updated 040903)

(c) 2004 JPO & JAPIO

File 350:Derwent WPIX 1963-2004/UD,UM &UP=200458

(c) 2004 Thomson Derwent

20/5/1 (Item 1 from file: 347)
DIALOG(R) File 347:JAPIO
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07522518 **Image available**

ELECTRONIC COMMERCE SUPPORTING METHOD, ARTICLE BUYING METHOD,
ELECTRONIC COMMERCE SUPPORTING INFORMATION PROCESSOR, INFORMATION
COMMUNICATION TERMINAL, AND PROGRAM

PUB. NO.: 2003-016349 [JP 2003016349 A]
PUBLISHED: January 17, 2003 (20030117)
INVENTOR(s): KOMON YUKA
APPLICANT(s): J-PHONE EAST CO LTD
APPL. NO.: 2001-204233 [JP 2001204233]
FILED: July 05, 2001 (20010705)
INTL CLASS: G06F-017/60

ABSTRACT

PROBLEM TO BE SOLVED: To enable a user to horizontally and easily browse individual's purchase candidate article information of article purchase media by using a **portable** telephone set irrelevantly to whether articles are actually purchased even when a plurality of **portable** telephone sets are used for **electronic commerce**.

SOLUTION: The user of the **portable** telephone set 60 registers the purchase candidate article information that the user 10 of the **portable** telephone set 60 selects and obtains from article purchase media such as a magazine, a catalog, a store, a **virtual** store on a network, and a broadcast **program** of television **shopping** in an **electronic commerce** support system 51 in order while relating it to user information, lists and displays the registered purchase candidate article information on the **portable** telephone set 60 by making a conditioned browsing request through the **portable** telephone set 60 of the user 10, and selects a purchase article from the list-displayed purchase candidate article information, so that the article is purchased according settlement information of the user 10.

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20/5/2 (Item 1 from file: 350)
DIALOG(R) File 350:Derwent WPIX
(c) 2004 Thomson Derwent. All rts. reserv.

015546190 **Image available**

WPI Acc No: 2003-608346/200357

XRPX Acc No: N03-485035

Combined auction and fixed price checkout system e.g. for online electronic commerce, comprises a user interface to facilitate a type of process to purchase an offering

Patent Assignee: EBAY INC (EBAY-N)

Inventor: GROVE S

Number of Countries: 102 Number of Patents: 002

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
WO 200365151	A2	20030807	WO 2003US2209	A	20030124	200357 B
AU 2003207676	A1	20030902	AU 2003207676	A	20030124	200422

Priority Applications (No Type Date): US 200260524 A 20020129

Patent Details:

Patent No Kind Lan Pg Main IPC Filing Notes

WO 200365151 A2 E 33 G06F-000/00

Designated States (National): AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA
CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN
IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ

OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN
YU ZA ZM ZW

Designated States (Regional): AT BE BG CH CY CZ DE DK EA EE ES FI FR GB
GH GM GR HU IE IT KE LS LU MC MW MZ NL OA PT SD SE SI SK SL SZ TR TZ UG
ZM ZW

AU 2003207676 A1 G06F-000/00 Based on patent WO 200365151

Abstract (Basic): WO 200365151 A2

NOVELTY - The method facilitates different types of transaction processes to be carried out using user interface to allow a purchaser to purchase different offerings using different price setting processes. Enables the purchaser to complete a transaction for different offerings. Utilizes a virtual shopping cart to maintain a record representing the offerings while the transaction is being completed.

DETAILED DESCRIPTION - INDEPENDENT CLAIM included for the following:

- (a) machine-readable storage medium;
- (b) system

USE - For online electronic commerce .

ADVANTAGE - Facilitates electronic commerce . Allows multiple price-setting process within an electronic commerce environment.

DESCRIPTION OF DRAWING(S) - The flowchart illustrates an exemplary method for purchasing both fixed price and auction offerings online.
pp; 33 DwgNo 4/13

Title Terms: COMBINATION; AUCTION; FIX; PRICE; CHECKOUT; SYSTEM; ELECTRONIC
; COMPRISE; USER; INTERFACE; FACILITATE; TYPE; PROCESS; PURCHASE; OFFER

Derwent Class: T01

International Patent Class (Main): G06F-000/00

File Segment: EPI

20/5/3 (Item 2 from file: 350)

DIALOG(R)File 350:Derwent WPIX

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015138185 **Image available**

WPI Acc No: 2003-198711/200319

XRFX Acc No: N03-157933

E - commerce information presentation method in virtual shopping mall, involves presenting visual images or sound clips relevant and coordinated to shopper's position within cybermall

Patent Assignee: INT BUSINESS MACHINES CORP (IBMC)

Inventor: GUSLER C P; HAMILTON R A

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
US 20020158916	A1	20021031	US 2001843065	A	20010426	200319 B

Priority Applications (No Type Date): US 2001843065 A 20010426

Patent Details:

Patent No Kind Lan Pg Main IPC Filing Notes

US 20020158916 A1 14 G09G-005/00

Abstract (Basic): US 20020158916 A1

NOVELTY - A set of cybermall data objects comprising a graphical map of a virtual shopping mall is stored. A shopper is assigned an initial position having a set of coordinates within the shopping mall. Visual images or sound clips relevant and coordinated to shopper's position within the cybermall, are presented.

DETAILED DESCRIPTION - INDEPENDENT CLAIMS are included for the following:

(1) Computer readable medium storing e - commerce information presentation program; and

(2) Geographically centered shopping mall browser .

USE - In e - commerce applications for presenting information

regarding products, suppliers and offerers, in virtual shopping mall to users of mobile device such as PDA, web enabled wireless telephone, handheld PC or other internet appliances.

ADVANTAGE - Through presentations of images and sounds relevant and coordinated to a shopper's position within the cybermall, a shopper can view images and hear sounds simulating a real shopping mall experience.

DESCRIPTION OF DRAWING(S) - The figure shows an enhanced view of on-line mall front page.

pp; 14 DwgNo 4/7

Title Terms: INFORMATION; PRESENT; METHOD; VIRTUAL ; SHOPPING; MALL;
PRESENT; VISUAL; IMAGE; SOUND; CLIP; RELEVANT; COORDINATE; POSITION
Derwent Class: P85; T01; T04; T05; W01
International Patent Class (Main): G09G-005/00
International Patent Class (Additional): G06F-017/60
File Segment: EPI; EngPI

20/5/4 (Item 3 from file: 350)

DIALOG(R)File 350:Derwent WPIX

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014785094 **Image available**

WPI Acc No: 2002-605800/200265

Electronic commerce method and system using communication networks

Patent Assignee: PLATSYS INC (PLAT-N)

Inventor: HONG G B

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
KR 2002021565	A	20020321	KR 200054340	A	20000915	200265 B

Priority Applications (No Type Date): KR 200054340 A 20000915

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
KR 2002021565	A	1	G06F-017/60	

Abstract (Basic): KR 2002021565 A

NOVELTY - An electronic commerce method and system is provided using a virtual shopping cart that consists of application program, a personal mobile terminal with wireless LAN and data storing support, and bar code scanner.

DETAILED DESCRIPTION - A service provider gets user information and product information and stores selling area(41) information and application program in database(11). A user connects a web site that is provided by the service provider using web client system(20). A service system(10) stores user authentication that is sent from a user. A user uses electronic mobile shopping cart (200), a wireless LAN supported mobile phone, PDA and so on to purchase a product. When a user finishes purchasing products in the selling area, pay the total amount of price of products by pushing the settlement key out of electronic mobile shopping cart. The paying method is sent from the service system to the electronic mobile shopping cart through wireless communication network without contact of shopping area server. The all steps of purchasing is finished when the user confirms products' condition and the amount of products that are delivered by distribution company or directly from the shopping area.

pp; 1 DwgNo 1/10

Title Terms: ELECTRONIC; METHOD; SYSTEM; COMMUNICATE; NETWORK
Derwent Class: T01
International Patent Class (Main): G06F-017/60
File Segment: EPI

Set	Items	Description
S1	60	(COMPETITIVE OR COUNTER) () (OFFER? ? OR BID???) OR COUNTEROFFER? ?
S2	2620	SHOPBOT? ? OR ELECTRONIC() CATALOG OR (SHOP OR SHOPPING OR - BUY OR BUYING) (2N) (CART? ? OR BASKET? ? OR AGENT? ? OR SPIDER? ? OR TOOL OR UTILITY OR BROWSER? ? OR PROGRAM? ? OR SCRIPT? ? OR APPLICATION? ? OR SOFTWARE? ?)
S3	1990682	VIRTUAL OR UNIVERSAL OR DETACH? OR SEPARAT? OR DISENGAG? OR DISCONNECT? OR SPLIT? OR UNCOUPL? OR BREAK() (OFF OR AWAY)
S4	3721730	MOBILE OR PORTABLE OR MOVABLE OR PORTATIVE OR TRANSPORTABLE OR TAKE(1W) WITH OR FLUID OR FREE OR LIQUID OR CARRIED OR MIGRANT OR MIGRATORY
S5	2895711	AUTOMAT? OR SELECTIVELY OR DYNAMIC? OR REAL() TIME OR REALTIME OR IMMEDIATE? OR INSTANT? OR INTERACTIV? OR ITERAT? OR MODIFIABL? OR ON(1W) FLY OR FLEXIB? OR ADAPTABL? OR ALTERABL? OR ALTERNAT? OR CHANGEABL? OR CONVERTIBL? OR ADJUSTABL?
S6	6004599	UPDAT??? OR CHANG??? OR COMPAR??? OR COMPARISON OR ADJUSTMENT OR ADJUST??? OR ALTER??? OR CONVERT??? OR MODIF???? OR REDUC??? OR REFRESH OR RENEWED OR REPLACE
S7	4244312	PRICE OR PRICES OR PRICING OR COST OR COSTS OR AMOUNT? ? OR TOTAL? ? OR OFFER? ? OR BID? ? OR DEAL OR FIGURE OR SUM
S8	317193	HOST? ? OR MERCHANT? OR SELLER? OR RETAILER? OR MANUFACTURER? OR TRADER? OR SUPPLIER? OR VENDOR? OR DEALER? OR SITE? ? - OR WEBSITE? ? OR WEB() SITE? ? OR WEBPAGE? ? OR WEB() PAGE? ?
S9	3666141	FIRST OR INITIAL OR MAIN OR ORIGINAL OR STARTER OR STARTING OR PRIMARY OR EARLIER OR BEGINNING
S10	5740108	ALTERNATIVE OR OTHER OR ANOTHER OR DIFFERENT OR SECOND
S11	2906464	MANY OR MULTIPL? OR MULTI OR SEVERAL OR NUMEROUS? OR PLURAL? OR MYRIAD OR VARIOUS? OR VARIED OR DUAL? OR (MORE OR GREATER) () THAN () (1 OR ONE)
S12	1	S1 AND S2
S13	278075	S5 AND S6 AND S7
S14	294	S2 AND S3
S15	15	S13 AND S14
S16	2	S15 AND S4
S17	10538	(E OR ELECTRONIC OR ONLINE OR ON() LINE OR INTERNET) () (COMMERCE OR SHOPPING OR RETAIL OR BUSINESS)
S18	348	S17 AND S2
S19	46	S18 AND S3
S20	4	S19 AND S4
S21	52	S14 AND S4
S22	5	S21 AND S8

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File 344:Chinese Patents Abs Aug 1985-2004/May

(c) 2004 European Patent Office

File 347:JAPIO Nov 1976-2004/May(Updated 040903)

(c) 2004 JPO & JAPIO

File 350:Derwent WPIX 1963-2004/UD,UM &UP=200458

(c) 2004 Thomson Derwent

22/5/1 (Item 1 from file: 347)
DIALOG(R)File 347:JAPIO
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07419985 **Image available**
SYSTEM AND METHOD FOR SUPPORTING SHOPPING BY LOCAL MONEY, PROGRAM AND
RECORDING MEDIUM

PUB. NO.: 2002-288495 [JP 2002288495 A]
PUBLISHED: October 04, 2002 (20021004)
INVENTOR(s): MATSUMURA SADA O
APPLICANT(s): RICOH CO LTD
APPL. NO.: 2001-092821 [JP 200192821]
FILED: March 28, 2001 (20010328)
INTL CLASS: G06F-017/60

ABSTRACT

PROBLEM TO BE SOLVED: To permit a visitor from a foreign county to surely grasp the balance of local money by using information supplied through a network and to rationally perform shopping from the shopping list of high priority in accordance with the local money balance in hand.

SOLUTION: An application realizing the system is kept in a Web site server 1 and it can be accessed by a mobile terminal 2 which the visitor from the foreign county carries through the Internet 6. The mobile terminal 2 of the visitor calculates the balance by local money only by inputting the number of the local moneys in hand. A display language can be selected from a plurality of languages. The visitor generates the commodity list of shopping candidates by giving priority. The application calculates a shopping possible amount based on balance information and payment schedule information which is separately inputted and generates and displays a shopping performing list for shopping in accordance with the priority of the shopping list. Thus, the visitor can rationally use the balance of the local money.

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22/5/2 (Item 1 from file: 350)
DIALOG(R)File 350:Derwent WPIX
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015237879 **Image available**
WPI Acc No: 2003-298805/200329
Related WPI Acc No: 1998-567785; 1999-046022; 2000-664174; 2001-006025;
2002-224632; 2002-434444; 2003-138676; 2003-199061; 2003-341086;
2003-418501

XRPX Acc No: N03-237601

Information system for retail store, generates product information based on customer request, and displays them along with their related query in hypertext markup language format

Patent Assignee: CANDA G (CAND-I); O'HAGAN T P (OHAG-I); TRAXLER J E (TRAX-I)

Inventor: CANDA G; O'HAGAN T P; TRAXLER J E

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
US 20020178091	A1	20021128	US 96668343	A	19960626	200329 B
			US 96744109	A	19961105	
			US 96752301	A	19961119	
			US 96770690	A	19961219	
			US 97921235	A	19970829	
			US 2001861836	A	20010521	
			US 2002189665	A	20020703	

Priority Applications (No Type Date): US 97921235 A 19970829; US 96668343 A

19960626; US 96744109 A 19961105; US 96752301 A 19961119; US 96770690 A
19961219; US 2001861836 A 20010521; US 2002189665 A 20020703

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
US 20020178091	A1		55	G06F-017/60	CIP of application US 96668343 CIP of application US 96744109 CIP of application US 96752301 CIP of application US 96770690 Cont of application US 97921235 Div ex application US 2001861836 CIP of patent US 5821512 CIP of patent US 5821513 CIP of patent US 6119935 Cont of patent US 6314406

Abstract (Basic): US 20020178091 A1

NOVELTY - A **portable** terminal **detachedly** attached to a **shopping cart**, receives product information from a **host** computer (12) based on input customer request. A processor provided in the **portable** terminal, generates query related to received product information and display them along with product information in hypertext markup language (HTML) format.

DETAILED DESCRIPTION - An INDEPENDENT CLAIM is included for method for employing information system.

USE - For retail shop and grocery store.

ADVANTAGE - Avoids the need to go back and forth through the store, by the display of the product information and query, hence makes shopping easier, faster and more enjoyable for customers while providing the **manufacturers** with a better way to market their products and provide product information to customers.

DESCRIPTION OF DRAWING(S) - The figure shows a flow diagram illustrating the consumer home terminal operations.

pp; 55 DwgNo 26/39

Title Terms: INFORMATION; SYSTEM; RETAIL; STORAGE; GENERATE; PRODUCT; INFORMATION; BASED; CUSTOMER; REQUEST; DISPLAY; RELATED; QUERY; LANGUAGE; FORMAT

Derwent Class: T01; T05

International Patent Class (Main): G06F-017/60

File Segment: EPI

22/5/3 (Item 2 from file: 350)

DIALOG(R)File 350:Derwent WPIX

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015138185 **Image available**

WPI Acc No: 2003-198711/200319

XRPX Acc No: N03-157933

E-commerce information presentation method in virtual shopping mall, involves presenting visual images or sound clips relevant and coordinated to shopper's position within cybermall

Patent Assignee: INT BUSINESS MACHINES CORP (IBM)

Inventor: GUSLER C P; HAMILTON R A

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
US 20020158916	A1	20021031	US 2001843065	A	20010426	200319 B

Priority Applications (No Type Date): US 2001843065 A 20010426

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
US 20020158916	A1		14	G09G-005/00	

Abstract (Basic): US 20020158916 A1

NOVELTY - A set of cybermall data objects comprising a graphical map of a **virtual shopping mall** is stored. A shopper is assigned an

initial position having a set of coordinates within the shopping mall. Visual images or sound clips relevant and coordinated to shopper's position within the cybermall, are presented.

DETAILED DESCRIPTION - INDEPENDENT CLAIMS are included for the following:

(1) Computer readable medium storing e-commerce information presentation program; and

(2) Geographically centered **shopping mall browser**.

USE - In e-commerce applications for presenting information regarding products, **suppliers** and offerers, in **virtual shopping mall** to users of **mobile** device such as PDA, web enabled wireless telephone, handheld PC or other internet appliances.

ADVANTAGE - Through presentations of images and sounds relevant and coordinated to a shopper's position within the cybermall, a shopper can view images and hear sounds simulating a real shopping mall experience.

DESCRIPTION OF DRAWING(S) - The figure shows an enhanced view of on-line mall front page.

pp; 14 DwgNo 4/7

Title Terms: INFORMATION; PRESENT; METHOD; **VIRTUAL**; SHOPPING; MALL;

PRESENT; VISUAL; IMAGE; SOUND; CLIP; RELEVANT; COORDINATE; POSITION

Derwent Class: P85; T01; T04; T05; W01

International Patent Class (Main): G09G-005/00

International Patent Class (Additional): G06F-017/60

File Segment: EPI; EngPI

22/5/4 (Item 3 from file: 350)

DIALOG(R)File 350:Derwent WPIX

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014785094 **Image available**

WPI Acc No: 2002-605800/200265

Electronic commerce method and system using communication networks

Patent Assignee: PLATSYS INC (PLAT-N)

Inventor: HONG G B

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
KR 2002021565	A	20020321	KR 200054340	A	20000915	200265 B

Priority Applications (No Type Date): KR 200054340 A 20000915

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
KR 2002021565	A	1	G06F-017/60	

Abstract (Basic): KR 2002021565 A

NOVELTY - An electronic commerce method and system is provided using a **virtual shopping cart** that consists of application program, a personal **mobile** terminal with wireless LAN and data storing support, and bar code scanner.

DETAILED DESCRIPTION - A service provider gets user information and product information and stores selling area(41) information and application program in database(11). A user connects a **web site** that is provided by the service provider using web client system(20). A service system(10) stores user authentication that is sent from a user. A user uses electronic **mobile shopping cart** (200), a wireless LAN supported **mobile** phone, PDA and so on to purchase a product. When a user finishes purchasing products in the selling area, pay the total amount of price of products by pushing the settlement key out of electronic **mobile shopping cart**. The paying method is sent from the service system to the electronic **mobile shopping cart** through wireless communication network without contact of shopping area server. The all steps of purchasing is finished when the user confirms products' condition and the amount of products that are delivered by distribution company or directly from the shopping area.

pp; 1 DwgNo 1/10
Title Terms: ELECTRONIC; METHOD; SYSTEM; COMMUNICATE; NETWORK
Derwent Class: T01
International Patent Class (Main): G06F-017/60
File Segment: EPI

22/5/5 (Item 4 from file: 350)
DIALOG(R)File 350:Derwent WPIX
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013359787 **Image available**
WPI Acc No: 2000-531726/200048
XRPX Acc No: N00-393115

Child seatbelt assembly for securing an infant to e.g. shopping cart
has strap retainers that include flexible strap and that are individually
provided to ends of nylon web portions

Patent Assignee: SAFE-STRAP CO INC (SAFE-N)
Inventor: GIAMPAVOLO P F; PONTAOE J S
Number of Countries: 095 Number of Patents: 004
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
US 6101687	A	20000815	US 99410538	A	19991001	200048 B
WO 200125050	A2	20010412	WO 2000US27117	A	20001002	200123
AU 200078461	A	20010510	AU 200078461	A	20001002	200143
EP 1235493	A2	20020904	EP 2000968568	A	20001002	200266
			WO 2000US27117	A	20001002	

Priority Applications (No Type Date): US 99410538 A 19991001

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
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US 6101687	A		5 A44B-021/00	
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WO 200125050	A2 E		B60N-000/00	
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Designated States (National): AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA
CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP
KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT
RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW

Designated States (Regional): AT BE CH CY DE DK EA ES FI FR GB GH GM GR
IE IT KE LS LU MC MW MZ NL OA PT SD SE SL SZ TZ UG ZW

AU 200078461	A		A44B-021/00	Based on patent WO 200125050
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EP 1235493	A2 E		A44B-021/00	Based on patent WO 200125050
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Designated States (Regional): AL AT BE CH CY DE DK ES FI FR GB GR IE IT
LI LT LU LV MC MK NL PT RO SE SI

Abstract (Basic): US 6101687 A

NOVELTY - Strap retainers (16,16') that include a flexible strap
(36) are individually provided to the ends (17,32) of nylon web
portions (12,14). Each retainer is movable between open or unengaged
positions and engaged or closed positions to release and fix the
seatbelt assembly from or to the shopping cart, respectively. The
retainer is engaged with detent channels when assuming a closed state.

DETAILED DESCRIPTION - The detent channels are formed to the outer
side of the post piece (18) of each nylon web end.

USE - For securing an infant to e.g. shopping cart.

ADVANTAGE - Attachable at secured manner to grocery cart such that
web of the child seatbelt does not rub against metal components. Need
not require separate or loose portions for installation. Exposes a
minimum of locking components and or crevices in the installed
position. Resistant to tampering. Can be installed on-site without
using tools.

DESCRIPTION OF DRAWING(S) - The figure shows a plan view of the
child seatbelt assembly.

Nylon web portions (12,14)

Strap retainers (16,16')

Ends (17,32)

Flexible strap (36)

pp; 5 DwgNo 1/3

Title Terms: CHILD; ASSEMBLE; SECURE; INFANT; SHOPPING; CART; STRAP; RETAIN
; FLEXIBLE; STRAP; INDIVIDUAL; END; NYLON; WEB; PORTION

Derwent Class: P23; Q14

International Patent Class (Main): A44B-021/00; B60N-000/00

File Segment: EngPI

Set	Items	Description
S1	396	(COMPETITIVE OR COUNTER) () (OFFER? ? OR BID???) OR COUNTEROFFER? ?
S2	3239	SHOPBOT? ? OR ELECTRONIC() CATALOG OR (SHOP OR SHOPPING OR - BUY OR BUYING) (2N) (CART? ? OR BASKET? ? OR AGENT? ? OR SPIDER? ? OR TOOL OR UTILITY OR BROWSER? ? OR PROGRAM? ? OR SCRIPT? ? OR APPLICATION? ? OR SOFTWARE? ?)
S3	1286903	VIRTUAL OR UNIVERSAL OR DETACH? OR SEPARAT? OR DISENGAG? OR DISCONNECT? OR SPLIT? OR UNCOUPL? OR BREAK() (OFF OR AWAY)
S4	1214025	MOBILE OR PORTABLE OR MOVABLE OR PORTATIVE OR TRANSPORTABLE OR TAKE(1W) WITH OR FLUID OR FREE OR LIQUID OR CARRIED OR MIGRANT OR MIGRATORY
S5	1370958	AUTOMAT? OR SELECTIVELY OR DYNAMIC? OR REAL() TIME OR REALTIME OR IMMEDIATE? OR INSTANT? OR INTERACTIV? OR ITERAT? OR MODIFIABL? OR ON(1W) FLY OR FLEXIB? OR ADAPTABL? OR ALTERABL? OR ALTERNAT? OR CHANGEABL? OR CONVERTIBL? OR ADJUSTABL?
S6	1860315	UPDAT??? OR CHANG??? OR COMPAR??? OR COMPARISON OR ADJUSTMENT OR ADJUST??? OR ALTER??? OR CONVERT??? OR MODIF???? OR REDUC??? OR REFRESH OR RENEWED OR REPLACE
S7	1312374	PRICE OR PRICES OR PRICING OR COST OR COSTS OR AMOUNT? ? OR TOTAL? ? OR OFFER? ? OR BID? ? OR DEAL OR FIGURE OR SUM
S8	401023	HOST? ? OR MERCHANT? OR SELLER? OR RETAILER? OR MANUFACTURER? OR TRADER? OR SUPPLIER? OR VENDOR? OR DEALER? OR SITE? ? - OR WEBSITE? ? OR WEB() SITE? ? OR WEBPAGE? ? OR WEB() PAGE? ?
S9	8	S1(S)S2

?

File 348:EUROPEAN PATENTS 1978-2004/Sep W01

(c) 2004 European Patent Office

File 349:PCT FULLTEXT 1979-2002/UB=20040909,UT=20040902

(c) 2004 WIPO/Univentio

9/3,K/1 (Item 1 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT
(c) 2004 WIPO/Univentio. All rts. reserv.

00943630 **Image available**

NEGOTIATING PLATFORM

PLATE-FORME DE NEGOCIATION

Patent Applicant/Assignee:

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IL (Nationality), (Designated only for: US)

Legal Representative:

SHEINBEIN Sol (agent), G.E. Ehrlich (1995) Ltd., c/o Anthony Castorina,
2001 Jefferson Davis Highway, Suite 207, Arlington, VA 22202, US,

Patent and Priority Information (Country, Number, Date):

Patent: WO 200277759 A2-A3 20021003 (WO 0277759)

Application: WO 2002US8293 20020320 (PCT/WO US02008293)

Priority Application: US 2001276952 20010320; US 2001279422 20010329; US
2001287004 20010430; US 2001305073 20010716; US 2001327291 20011009

Designated States:

(Protection type is "patent" unless otherwise stated - for applications
prior to 2004)

AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ
EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR
LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI
SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW

(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR

(OA) BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG

(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW

(EA) AM AZ BY KG KZ MD RU TJ TM

Publication Language: English

Filing Language: English

Fulltext Word Count: 91315

Fulltext Availability:

Claims

Claim

... of each of said corresponding values,, therewith to provide an average
solution. Preferably, said goal **Program** objective functions are:
arrmimed)evelwise and said average case calculator is operable to carry
out...for supporting negotiation between parties to achieve an outcome,
the

platform comprising:

a party goal **program** unit comprising a party

input unit operable to pennit a

party to define a two...

...supporting negotiation between parties to achieve an outcome, th, e

platform comprising:

a party goal **program** unit comprising a party input unit for allowing a
party to define at least one...goal

program levelwise, and
28
a worst case calculator for finding worst solutions for goal **programs** ,
connected to find worst values for said objective functions and
constraints of said
opponent's...parties.
The platform further comprises a response receiver 20 for receiving from
respective parties either **counter offers** or acceptances. The response
receiver uses the **counter offers** as new input to the negotiator to
arrive at a new offer. It will be...a@
Opponent then may prove
the offer or reject the offer or make a **counter offer** . Either way,
the opponent's input is accepted as feedback which is sent to an...
...that has been improved from the local party's point of view in an
opponent's **counter offer** . Improvement by the opponent suggests that
the opponent believes he is paying a price and...
...is to find a value that the opponent has not budged on in his last
counter offer . Failure to budge may indicate that the value is
important, and if the local party...items in the catalog that actually
correspond to these offers. In each iteration, before sending his **counter**
- **offer** , the seller finds the item in the catalog whose GP value is the
closest to...negotiable while price and warranty period are negotiable.
The seller first tries to generate a **counter offer** by operating an
appropriate utility ("knowledgeable" when he knows the buyer's GP and
"ignorant"...the number, this implies that you want to accept and hence do
not specify a **counter offer** .
(B2)
Fill in the percentage decrease in each round (see different possible
rules below),
(133...as not good enough which may lead to a tough, i.e. low percentage
improvement, **counter offer** by Bob, which may then trigger a tough
response by the other party and so...232
criteria for either accepting an offer or for stopping the exchange of
offers and **counter offers** . In case of stopping we have the option
of considering the negotiations as fiddled or, alternatively...
...at this point in the negotiation.
4 Optimal objective - the current objective value (according to
counter offer) and the optimal objective are almost equal.
5 Additional application specific rules.
Stopping rules:
1...
...are possible,
234
Profiles in depth
A profile is composed of the following components:
I . **Counter offers** generation table(s), The rows of the table
correspond to -the percentage improvement by the...
...decrease, the delay in producing an
offer as compared to the time it took the **counter offer** to reach
me. Values smaller than one indicate reduction in delay time
(i.e., one...that we do not specify any delay or quitting probabilities
here, This means we produce **counter offers** as soon as possible and we
do not impose a "termination limit". Also observe that...acceptance
rules. The five basic profiles identified are the indifferent, the
eager and the tough.
Counter offer generator table:
Indifferent - the percentages are the same for all rounds,
Eager - the percentage increase...

9/3,K/2 (Item 2 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT
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00814145

A METHOD FOR EXECUTING A NETWORK-BASED CREDIT APPLICATION PROCESS
PROCEDE DE MISE EN OEUVRE D'UN PROCESSUS DE DEMANDE DE CREDIT EN RESEAU
Patent Applicant/Assignee:

ACCENTURE LLP, 1661 Page Mill Road, Palo Alto, CA 94304, US, US
(Residence), US (Nationality)

Inventor(s):

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94115, US,
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Legal Representative:

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Patent and Priority Information (Country, Number, Date):

Patent: WO 200146889 A2 20010628 (WO 0146889)
Application: WO 2000US35216 20001222 (PCT/WO US0035216)
Priority Application: US 99470805 19991222; US 99469525 19991222; US
99470039 19991222

Designated States:

(Protection type is "patent" unless otherwise stated - for applications
prior to 2004)

AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK DM DZ EE ES FI GB GE
GH GM HR HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK
MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU
ZW

(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR

(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG

(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW

(EA) AM AZ BY KG KZ MD RU TJ TM

Publication Language: English

Filing Language: English

Fulltext: Word Count: 98671

Fulltext Availability:

Detailed Description

Detailed Description

... application developers. This ensures that the architecture is
thoroughly tested before being used by the Application teams. The model
also illustrates the progression of architecture and application
components through the systems...

9/3,K/3 (Item 3 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT
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00806382

METHOD FOR AFFORDING A MARKET SPACE INTERFACE BETWEEN A PLURALITY OF
MANUFACTURERS AND SERVICE PROVIDERS AND INSTALLATION MANAGEMENT VIA A
MARKET SPACE INTERFACE

PROCEDE DE MISE A DISPOSITION D'UNE INTERFACE D'ESPACE DE MARCHÉ ENTRE UNE
PLURALITE DE FABRICANTS ET DES FOURNISSEURS DE SERVICES ET GESTION
D'UNE INSTALLATION VIA UNE INTERFACE D'ESPACE DE MARCHÉ

Patent Applicant/Assignee:

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(Residence), US (Nationality)

Inventor(s):

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Legal Representative:

HICKMAN Paul L (et al) (agent), Oppenheimer Wolff & Donnelly LLP, 1400
Page Mill Road, Palo Alto, CA 94304, US,

Patent and Priority Information (Country, Number, Date):

Patent: WO 200139028 A2 20010531 (WO 0139028)

Application: WO 2000US32308 20001122 (PCT/WO US0032308)

Priority Application: US 99444773 19991122; US 99444798 19991122

Designated States:

(Protection type is "patent" unless otherwise stated - for applications
prior to 2004)

AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM DZ EE
ES FI GB GE GH GM HR HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV
MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT
TZ UA UG UZ VN YU ZW

(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR

(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG

(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW

(EA) AM AZ BY KG KZ MD RU TJ TM

Publication Language: English

Filing Language: English

Fulltext Word Count: 170977

9/3,K/4 (Item 4 from file: 349)

DIALOG(R)File 349:PCT FULLTEXT

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00803562 **Image available**

SYSTEM AND METHOD FOR ORDERING SAMPLE QUANTITIES OVER A NETWORK

SYSTEME ET PROCEDE POUR COMMANDER DES QUANTITES D'ECHANTILLONS SUR UN
RESEAU

Patent Applicant/Assignee:

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US)

Patent Applicant/Inventor:

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Legal Representative:

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Patent and Priority Information (Country, Number, Date):

Patent: WO 200137114 A1 20010525 (WO 0137114)

Application: WO 99US27176 19991117 (PCT/WO US9927176)

Priority Application: US 99US27176 19991117

Parent Application/Grant:

Related by Continuation to: US 98192848 19981116 (CON)

Designated States:

(Protection type is "patent" unless otherwise stated - for applications
prior to 2004)

AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GD GE
GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK
MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN
YU ZA ZW

(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE

(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG

(AP) GH GM KE LS MW SD SL SZ TZ UG ZW

(EA) AM AZ BY KG KZ MD RU TJ TM

Publication Language: English

Filing Language: English

Fulltext Word Count: 25389

Fulltext Availability:

Claims

Claim

... 1 9

/56

Fig. 2b (Prior Art)

mail 24

28

30a

Pay by Stores Shopping

@ M] Cart

xcreditcard 26

ED 28a,

30 ycreditcard

10

04

10

10

08c 08b 08a

/56

rig...both parties.

550

Previous offer recorded in 555

transaction history. Seller submits Transaction is closed

counter - offer ; offer is reposted to and all data written to
the secure area, and both parties...

...user access through

Documentation.

No

Previous offer recorded in transaction 565

history. Buyer submits counter - offer ;

offer is reposted to the secure area, and

both parties are notified via email.

/56...

9/3,K/5 (Item 5 from file: 349)

DIALOG(R)File 349:PCT FULLTEXT

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00739253 **Image available**

A SYSTEM AND METHOD FOR CONDUCTING SECURITIES TRANSACTIONS OVER A COMPUTER
NETWORK

SYSTEME ET PROCEDURE DE CONDUITE DE TRANSACTIONS DE VALEURS SUR UN RESEAU
INFORMATIQUE

Patent Applicant/Assignee:

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Legal Representative:

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Patent and Priority Information (Country, Number, Date):

Patent: WO 200052619 A1 20000908 (WO 0052619)

Application: WO 2000US5150 20000229 (PCT/WO US0005150)

Priority Application: US 99122208 19990301; US 99292552 19990415; US
99292553 19990415

Designated States:

(Protection type is "patent" unless otherwise stated - for applications
prior to 2004)

AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM EE ES FI GB

GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA

MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA

UG UZ VN YU ZA ZW

(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE
(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG
(AP) GH GM KE LS MW SD SL SZ TZ UG ZW
(EA) AM AZ BY KG KZ MD RU TJ TM

Publication Language: English

Filing Language: English

Fulltext Word Count: 35999

Fulltext Availability:

Claims

Claim

... IN MESSAGE

APPLICATION POPULATES 2185 WINDOW

MASTER TRADE SCREEN

AND TRADE TICKET

WITH STOCK INFO APPLICATION SHOWS BUY

ORDER IN OPEN POSITIONS

WINDOW HIGHLIGHTED

USER FILLS IN 2140 IN YELLOW

REMAINING INFO

IN...SCREEN IN HIGHLIGHT

2565

CONTRA PARTY REVIEWS

OFFER AND EITHER

ACCEPTS, REJECTS

OR MAKES A

COUNTER OFFER

FIG*25

SUBSTITUTE SHEET (RULE 26)

FIG*26

SUBSTITUTE SHEET (RULE26)

USER WANTS TO VIEW...L" USER SELECTS

FUNCTION FROM OPERATION FROM POSITIONS 3545

FUNCTION BAR AND P&L WINDOW

(BUY OR, SELL)

APPLICATION DISPLAYS

ENTIRE LIST OF POSITIONS 3520

AND P&L AND RELATED APPLICATION

DETAILS IN WINDOW...1,000 SHARES AT 50.25 FIG*48A

SUBSTITUTE SHEET (RULE 26)

IF BUYER'S COUNTEROFFER IS DETERMINED BY THE APPLICATION TO BE
ACCEPTABLE, THE APPLICATION TRANSMITS THE BUYER'S COUNTEROFFER TO THE
REPLICA SERVER, ALONG WITH THE SYSTEM ID OF SELLER'S OFFER AND
BROKER/DEALER ACCOUNT ID AND INFO. FOR BUYER

t r 4888

REPLICA SERVER TRANSMITS COUNTEROFFER TO ROOT SERVER, WHICH UPDATES THE
IBM ORDER BACK IN THE MASTER DATABASE, AND ASSIGNS A SYSTEM ID TO BUYER'S
COUNTEROFFER

t r 4890

UPDATED DATABASE INFO., ALONG WITH BUYER'S COUNTEROFFER , IS TRANSMITTED
TO REPLICA SERVERS, AND SELLER'S REPLICA SERVER TRANSMITS BUYER'S
COUNTEROFFER TO SELLER'S APPLICATION, ALONG WITH THE SYSTEM IDs OF
SELLER'S OFFER AND BUYER'S COUNTEROFFER

SELLER SEES BUYER'S COUNTEROFFER DISPLAYED IN THE 892
NEGOTIATIONS SCREEN AND ACCEPTS BY CLICKING "ACCEPT"

r 4894

SELLER'S...

9/3,K/6 (Item 6 from file: 349)

DIALOG(R)File 349:PCT FULLTEXT

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00526512 **Image available**

COMMUNICATIONS SYSTEM FOR ELECTRONIC COMMERCE

SYSTEME DE COMMUNICATIONS POUR LE COMMERCE ELECTRONIQUE

Patent Applicant/Assignee:

BRITISH TELECOMMUNICATIONS PUBLIC LIMITED COMPANY,
TOWNDROW Stephen Peter,
JONGLEZ Matthieu Jean Nady,

Inventor(s):

TOWNDROW Stephen Peter,
JONGLEZ Matthieu Jean Nady,

Patent and Priority Information (Country, Number, Date):

Patent: WO 9957864 A1 19991111
Application: WO 99GB1332 19990429 (PCT/WO GB9901332)
Priority Application: EP 98303539 19980506

Designated States:

(Protection type is "patent" unless otherwise stated - for applications prior to 2004)

AU CA GB JP SG US AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE

Publication Language: English

Fulltext Word Count: 6915

Fulltext Availability:

Detailed Description

Detailed Description

... data described above is illustrated in the flow diagram of Figure 7.

TABLE

Javascript (TM) **shopping basket** source code
// Add the specified item into the array and the cookie
H
function add...

...code, p-qty, p

```
name, p
price, p
offer)
I
var exist 1;
var v- basket = get-Cookie(' SHOPPING - BASKET ');
0 var n-basket = Wt;
var v
property;
var v
product;
var v
qty;
var...
```

...qty;

```
if (exist==I)
n-basket += '##PDT##'+P-code+'##QTY##'+new
quantity;
I
set-cookie(' SHOPPING - BASKET ',n basket ,new Date(today.geffear(,
((today.getMonth(+I == 12) ? 0 : (today.getMonth(+I)
((today.getDate( >= 28) ? 28 : today.getDate(
I
parent.body.rbottom.location='/ shop / shopping
basket .html';
function add tOm special offer(p
code, o code, disc, desc, pck)
var exist...
```

```
...0; counter<specialoffer.length; counter++)
if ( (special-Offer[counter].product-code==P-@Code)
&& (special-Offer[ counter ]. offer -code==o code) ) exist=1;
if (exist == 0)
special
```

```
offer[special-Offer.length] = new define...length;
return document.cookie.substring(offset, end);
5
H Just print a line of the shopping basket , fori-natting the data
H
function draw-basket-line(p
code, o
code, item, price...
```

9/3,K/7 (Item 7 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT
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00461669 **Image available**
COMPUTER METHOD AND SYSTEM FOR INTERMEDIATED EXCHANGES OF COMMODITIES
PROCEDE INFORMATIQUE ET SYSTEME POUR ECHANGE DE BIENS MOBILIERES ET
MATERIELS A L'AIDE D'UN INTERMEDIAIRE

Patent Applicant/Assignee:

ITG INC,

Inventor(s):

FERSTENBERG Robert A,

KARCHMER Mauricio,

HILAI Ran,

Patent and Priority Information (Country, Number, Date):

Patent: WO 9852133 A1 19981119

Application: WO 98US10022 19980514 (PCT/WO US9810022)

Priority Application: US 97856741 19970515

Designated States:

(Protection type is "patent" unless otherwise stated - for applications
prior to 2004)

AL AM AU AZ BA BB BG BR BY CA CN CU CZ EE GE GH GW HU ID IL IS JP KG KP

KR KZ LC LK LR LT LV MD MG MK MN MX NO NZ PL RO RU SG SI SK SL TJ TM TR

TT UA UZ VN YU GH GM KE LS MW SD SZ UG ZW AM AZ BY KG KZ MD RU TJ TM AT

BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE BF BJ CF CG CI CM GA

GN ML MR NE SN TD TG

Publication Language: English

Fulltext Word Count: 36448

Fulltext Availability:

Detailed Description

Detailed Description

... e-agent considers the current offer from the other e-agent and
makes a corresponding **counter - offer** , After a certain number of
rounds of this electronic negotiation, the offers and **counter**
offers typically converge so that the amounts of each commodity
to be exchanged are acceptable to...

...In the

following steps, the e-agents receive further offers from the
intermediary and return **counter - offers** to the intermediary,
which it again crosses and allocates so as to generate ...includes the
amount of the commodity that the
intermediary has made available to the e- **agent** to **buy** or sell
at a given stage of the electronic negotiation, A "counter
15 offer" for...

...e-agent to the intermediary that includes the amount of the
commodity that the e- **agent** intends to **buy** or sell at this stage
of the electronic negotiation. An "opening" for a commodity is...

...to the

20 intermediary that includes the maximum amount of a commodity
that the e- **agent** intends to **buy** or sell in a given negotiation.

Preferably, offers, counter-offers, and openings contain data

for...exchanged in the current exchange, that
is those commodities which have at least one e- agent interested
in buying and at least one other e-agent interested in selling,
The e-agents next transmit...

...bounds,

During the intermediated exchange,, allocation function 114
and e-agents 1 exchange offers and counter - offers according to
15 the preferred protocol for intermediated exchanges,
optionally, during an intermediated exchange, an e-agent can
transmit to the allocation function certain data reflecting the
process of its counter - offer generation, in order that its
participant can be assured of its proper functioning and
20...

9/3,K/8 (Item 8 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT
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00452682

INTELLIGENT AGENT WITH NEGOTIATION CAPABILITY AND METHOD OF NEGOTIATION
THEREWITH

AGENT INTELLIGENT POSSEDANT DES CAPACITES DE NEGOCIATION ET PROCEDE DE
NEGOCIATION AU MOYEN DE CET AGENT INTELLIGENT

Patent Applicant/Assignee:

INTERNATIONAL BUSINESS MACHINES CORPORATION,

Inventor(s):

BIGUS Joseph Phillip,

CRAGUN Brian John,

DELP Helen Roxlo,

Patent and Priority Information (Country, Number, Date):

Patent: WO 9843146 A2 19981001

Application: WO 98US4878 19980312 (PCT/WO US9804878)

Priority Application: US 97821935 19970321

Designated States:

(Protection type is "patent" unless otherwise stated - for applications
prior to 2004)

CA AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE

Publication Language: English

Fulltext Word Count: 14368

Fulltext Availability:

Detailed Description

Detailed Description

... in

determining whether to counteroffer block 136 of Fig. 5. If
agent 100 is a buying agent , block 170 is executed to
calculate a counteroffer probability value, Pcounter, which
is a number between 0 and 1 that represents the probability
that agent 100 will continue negotiations by making a
counteroffer . Pcounter divides a probability range of 0 to
1 into counteroffer and no counteroffer portions, such that
a random number selected in this probability range may fall
into either the portions to control whether a counteroffer
will be made.

Pcounter is calculated as a product of two
probability functions, Pcycles and...

Set	Items	Description
S1	396	(COMPETITIVE OR COUNTER) () (OFFER? ? OR BID???) OR COUNTEROFFER? ?
S2	3239	SHOPBOT? ? OR ELECTRONIC() CATALOG OR (SHOP OR SHOPPING OR -BUY OR BUYING) (2N) (CART? ? OR BASKET? ? OR AGENT? ? OR SPIDER? ? OR TOOL OR UTILITY OR BROWSER? ? OR PROGRAM? ? OR SCRIPT? ? OR APPLICATION? ? OR SOFTWARE? ?)
S3	1286903	VIRTUAL OR UNIVERSAL OR DETACH? OR SEPARAT? OR DISENGAG? OR DISCONNECT? OR SPLIT? OR UNCOUPL? OR BREAK() (OFF OR AWAY)
S4	1214025	MOBILE OR PORTABLE OR MOVABLE OR PORTATIVE OR TRANSPORTABLE OR TAKE(1W) WITH OR FLUID OR FREE OR LIQUID OR CARRIED OR MIGRANT OR MIGRATORY
S5	1370958	AUTOMAT? OR SELECTIVELY OR DYNAMIC? OR REAL() TIME OR REALTIME OR IMMEDIATE? OR INSTANT? OR INTERACTIV? OR ITERAT? OR MODIFIABL? OR ON(1W) FLY OR FLEXIB? OR ADAPTABL? OR ALTERABL? OR ALTERNAT? OR CHANGEABL? OR CONVERTIBL? OR ADJUSTABL?
S6	1860315	UPDAT??? OR CHANG??? OR COMPAR??? OR COMPARISON OR ADJUSTMENT OR ADJUST??? OR ALTER??? OR CONVERT??? OR MODIF???? OR REDUC??? OR REFRESH OR RENEWED OR REPLACE
S7	1312374	PRICE OR PRICES OR PRICING OR COST OR COSTS OR AMOUNT? ? OR TOTAL? ? OR OFFER? ? OR BID? ? OR DEAL OR FIGURE OR SUM
S8	401023	HOST? ? OR MERCHANT? OR SELLER? OR RETAILER? OR MANUFACTURER? OR TRADER? OR SUPPLIER? OR VENDOR? OR DEALER? OR SITE? ? - OR WEBSITE? ? OR WEB() SITE? ? OR WEBPAGE? ? OR WEB() PAGE? ?
S9	8	S1(S) S2
S10	688	S2(S) S3
S11	299390	S5(10N) S6
S12	208706	S5(5N) S6
S13	13306	S12(5N) S7
S14	21	S13(S) S10
S15	9	S14(S) S4
		?

File 348:EUROPEAN PATENTS 1978-2004/Sep W01

(c) 2004 European Patent Office

File 349:PCT FULLTEXT 1979-2002/UB=20040909,UT=20040902

(c) 2004 WIPO/Univentio

15/3,K/1 (Item 1 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT
(c) 2004 WIPO/Univentio. All rts. reserv.

01057884 **Image available**

SYSTEM AND METHOD FOR PROCESSING FINANCIAL TRANSACTIONS USING MULTI-PAYMENT
PREFERENCES

SYSTEME ET PROCEDE DE TRAITEMENT DE TRANSACTIONS FINANCIERES REPOSANT SUR
L'UTILISATION DE PREFERENCES DE PAIEMENTS MULTIPLES

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Legal Representative:

PURWIN Paul E (et al) (agent), ExxonMobil Research and Engineering
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Patent and Priority Information (Country, Number, Date):

Patent: WO 200388078 A2-A3 20031023 (WO 0388078)

Application: WO 2003US10577 20030407 (PCT/WO US03010577)

Priority Application: US 2002370244 20020408; US 2003407367 20030404

Designated States:

(Protection type is "patent" unless otherwise stated - for applications
prior to 2004)

AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ
EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR
LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG
SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW
(EP) AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE
SI SK TR
(OA) BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG
(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW
(EA) AM AZ BY KG KZ MD RU TJ TM

Publication Language: English

Filing Language: English

Fulltext Word Count: 21710

Fulltext Availability:

Claims

Claim

... merchant's clerk and/or the POS

terminal to provide the discount. For example, the **Universal** Product
Code (UPC) for a product could be stored in the customer transceiver or
data...to a kiosk at a local store. For example, this kiosk may be on a
shopping cart. The customer may then have access to the shopping list
and further information on the **shopping cart** kiosk. [070] The
transponders utilized by the present invention may be inserted or built
into...

...transponder may also be integrated into devices such as a personal
digital assistant, watch, or **mobile**
phone, or covers for same. The transponder may also be integrated into
functional forms, such...

...transponder. For example, a
customer's profile associated with a transponder in the customer's
mobile phone may be different from the customer's profile associated
with a transponder in the...

...credit/debit card or a driver's license. Or the identification
information may be submitted **separately**. In a preferred embodiment, at
least one payment method is transmitted to the host computer...

...invention.

Transactions completed with the second transponder may be compiled and presented to the user **separate** from the transactions completed with the user's transponder. A different form of payment may...

...the rental car. In an further embodiment, the second transponder or the ignition key is **detachable** from the keyring. In this manner, when the user provides the ignition key to a...

...a receipt for the transaction. In an alternative embodiment, the customer is not given a **separate** key for a hotel room. Instead, the customer's transponder is associated with a hotel...

...For example, the food order may be placed through an internet website, a telephone call, **mobile** telephone call, or **mobile** telephone internet connection. Upon arriving at the restaurant, the customer parks his/her car in...

...may be offered a loyalty award from a merchant. This loyalty award may be a **free** or **reduced price** good or service. **Alternatively**, the - 45 loyalty award may be a credit or discount on a future transaction with ...

15/3,K/2 (Item 2 from file: 349)

DIALOG(R)File 349:PCT FULLTEXT

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00963611 **Image available**

EXTENDED WEB ENABLED MULTI-FEATURED BUSINESS TO BUSINESS COMPUTER SYSTEM FOR RENTAL VEHICLE SERVICES

SYSTEME INFORMATIQUE INTERENTREPRISES A ELEMENTS MULTIPLES A ACCES INTERNET POUR SERVICES DE LOCATION DE VEHICULES

Patent Applicant/Assignee:

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Patent Applicant/Inventor:

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KLOPFENSTEIN Anita K, 433 Schwarz Road, O'Fallon, IL 62269, US, US (Residence), US (Nationality), (Designated only for: US)

Legal Representative:

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Patent and Priority Information (Country, Number, Date):

Patent: WO 200297700 A2 20021205 (WO 0297700)

Application: WO 2001US51431 20011019 (PCT/WO US0151431)

Priority Application: US 2000694050 20001020

Parent Application/Grant:

Related by Continuation to: US 2000694050 20001020 (CIP)

Designated States:

(Protection type is "patent" unless otherwise stated - for applications prior to 2004)

AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ

EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR
LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PH PL PT RO RU SD SE SG SI SK
SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW
(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR
(OA) BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG
(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW
(EA) AM AZ BY KG KZ MD RU TJ TM

Publication Language: English

Filing Language: English

Fulltext Word Count: 237932

Fulltext Availability:

Detailed Description

Detailed Description

... Gpbr Number.

14. Summary Date.

15. Line #. Key a line number in this field to automatically roll
screen to that line.

FEMW to return to the Cash Summary Menu.

Exit to...R--)

ARKSPR5 (-R--)

@Improvement Opportunity.

This program and AM203OV1 could be combined into a single program
especially if the ARMS Trading Partner Profile database files are further
normalized.

Process

Hierarchical numeric...

15/3,K/3 (Item 3 from file: 349)

DIALOG(R)File 349:PCT FULLTEXT

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00943630 **Image available**

NEGOTIATING PLATFORM

PLATE-FORME DE NEGOCIATION

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Patent and Priority Information (Country, Number, Date):

Patent: WO 200277759 A2-A3 20021003 (WO 0277759)

Application: WO 2002US8293 20020320 (PCT/WO US02008293)

Priority Application: US 2001276952 20010320; US 2001279422 20010329; US 2001287004 20010430; US 2001305073 20010716; US 2001327291 20011009

Designated States:

(Protection type is "patent" unless otherwise stated - for applications prior to 2004)

AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ
EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR
LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI
SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW

(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR

(OA) BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG

(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW

(EA) AM AZ BY KG KZ MD RU TJ TM

Publication Language: English

Filing Language: English

Fulltext Word Count: 91315

Fulltext Availability:

Claims

Claim

... goal

program levelwise, and

28

a worst case calculator for finding worst solutions for goal **programs**,
connected to find worst values for said objective functions and
constraints of said
opponent's...For a better understanding of the invention and to show how
the same may be **carried** into effect, reference will now be made, purely
by way of example, to the
accompanying...

...in the drawings. The invention is applicable to other embodiments or of
being practiced or **carried** out in various ways, Also, it is to be
understood that the phraseology and terminology...

...particular outcome in quantitative form so that the party's position
regarding the outcome can be **compared** in **automatic** manner with that
of another party in order to ensure that the outcome takes on...
importance weightings. Typically, the assignment of levels and of
weightings to each objective function is **carried** out by means of a
dialog box based interaction with the party. Additionally, the platform...

...of the respective parties, and carries out negotiations using the goal
programs. Preferably, negotiations are **carried** out by considering the
objective functions per se and considering them levelwise, that is to...
functions associated with individual goals (i.e., objectives) and
associated constraints. The minimization is preferably **carried** out
level by level in the hierarchy, which is to say that first one level...
the same. It is therefore desirable to minimize the deviations, and
this minimization is **carried** out level by level, with weightings
being attached to the deviations at different levels so...the scope of
negotiations, although it is stressed that negotiations are not at this
stage **carried** out on the basis of individual catalog items but rather
on the basis of goal program objectives and values as before, with
matching to closest items **carried** out only later. As will be explained
in more detail in the examples section below...out parties less likely to
produce a good outcome. Such a screening stage is preferably **carried**
out when there a large number of parties for potential negotiation.
Reference is now made...to the entries, -not in terms of a
single field as is generally **carried** out at present,, but rather on the
basis of the goal program as a whole...

...quantities, are expressed using a goal program. Sellers preferably have
price tables for item(s) indicating **prices** per quantity ranges.
Additionally or **alternatively**, sellers may have multi-item **price**
tables, such that a seller is composed of sub-sellers. A sub-seller

offers a...

15/3,K/4 (Item 4 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT
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00866284

SYSTEM AND METHOD FOR SOURCING, PURCHASING AND ANALYSIS ACROSS MULTIPLE
COMMERCIAL MARKETPLACE
SYSTEME ET PROCEDE DE SOURCAGE, D'ACHAT ET D'ANALYSE SUR DES MARCHES
COMMERCIAUX MULTIPLES

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Patent and Priority Information (Country, Number, Date):

Patent: WO 200199003 A1 20011227 (WO 0199003)

Application: WO 2001US19287 20010615 (PCT/WO US0119287)

Priority Application: US 2000212330 20000616; US 2001883102 20010615

Designated States:

(Protection type is "patent" unless otherwise stated - for applications
prior to 2004)

AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM DZ EE
ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT
LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM
TR TT TZ UA UG UZ VN YU ZA ZW

(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR

(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG

(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW

(EA) AM AZ BY KG KZ MD RU TJ TM

Publication Language: English

Filing Language: English

Fulltext Word Count: 14298

Fulltext Availability:

Detailed Description

Detailed Description

... in the profile script. In effect, the system of the invention
functions as a virtual **shopping cart** which the user might either
affirmatively fill or which might fill itself depending on a user's
initial instructions. It should be further understood that the system's
virtual **shopping cart** functionality is not necessarily limited to
effecting purchase transactions with any one particular source site...

...from each of which a purchase is desired. In this particular instance,
the system's virtual **shopping cart** accesses the various sites, in
turn, makes the appropriate purchase transaction and goes on to...

...in order to make the next purchase. Thus, the system need only present a
single " **shopping cart** " to the user, in the context of the system
application, with the user filling the **shopping cart** with a variety
of products. The system then takes all of the multiplicity of steps...

...order to purchase all of the selected items on behalf of the user. When
in **automated** mode, the system significantly **reduces** the **amount** of
time that need be spent by a user traveling from site to site in...

...these transactions in background, in a fashion totally transparent to
the user, who is then **free** to continue with other tasks.

In like manner, the system includes an application which is...

15/3,K/5 (Item 5 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT
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00806382

METHOD FOR AFFORDING A MARKET SPACE INTERFACE BETWEEN A PLURALITY OF
MANUFACTURERS AND SERVICE PROVIDERS AND INSTALLATION MANAGEMENT VIA A
MARKET SPACE INTERFACE

PROCEDE DE MISE A DISPOSITION D'UNE INTERFACE D'ESPACE DE MARCHÉ ENTRE UNE
PLURALITE DE FABRICANTS ET DES FOURNISSEURS DE SERVICES ET GESTION
D'UNE INSTALLATION VIA UNE INTERFACE D'ESPACE DE MARCHÉ

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Legal Representative:

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Patent and Priority Information (Country, Number, Date):

Patent: WO 200139028 A2 20010531 (WO 0139028)

Application: WO 2000US32308 20001122 (PCT/WO US0032308)

Priority Application: US 99444773 19991122; US 99444798 19991122

Designated States:

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prior to 2004)

AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM DZ EE
ES FI GB GE GH GM HR HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV
MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT
TZ UA UG UZ VN YU ZW

(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR

(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG

(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW

(EA) AM AZ BY KG KZ MD RU TJ TM

Publication Language: English

Filing Language: English

Fulltext Word Count: 170977

Fulltext Availability:

Detailed Description

Detailed Description

... in an online shopping scenario; Figure 122 shows an exemplary security
architecture in an online shopping scenario; Figure 123 illustrates a
flowchart for a method for manipulating data about a customer...a
schematic diagram of one possible hardware implementation by which the
present invention may be carried out. As shown, the present invention
may be practiced in the context of a personal...

15/3,K/6 (Item 6 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT
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00784184 **Image available**

A SYSTEM, METHOD FOR FIXED FORMAT STREAM COMMUNICATION IN A COMMUNICATION
SERVICES PATTERNS ENVIRONMENT

SYSTEME, PROCEDE ET ARTICLE POUR FLUX DE FORMAT FIXE DANS UN ENVIRONNEMENT
A CONFIGURATIONS DE SERVICES DE COMMUNICATION

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Legal Representative:
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Palo Alto, CA 94303-0746, US,
Patent and Priority Information (Country, Number, Date):
Patent: WO 200117194 A2-A3 20010308 (WO 0117194)
Application: WO 2000US24114 20000831 (PCT/WO US0024114)
Priority Application: US 99386430 19990831
Designated States:
(Protection type is "patent" unless otherwise stated - for applications
prior to 2004)
AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DZ EE ES
FI GB GE GH GM HR HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA
MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA
UG UZ VN YU ZA ZW
(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE
(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG
(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW
(EA) AM AZ BY KG KZ MD RU TJ TM
Publication Language: English
Filing Language: English
Fulltext Word Count: 149954

Fulltext Availability:
Claims

Claim

... transfers packet and recipient receives
packet
residual error rate - number of lost or corrupted messages compared to
total messages
in the sampling period
transfer failure probability - the fraction of the time when the...FDM) -
each independent channel is
assigned its own frequency range, allowing all channels to be carried ,
simultaneously. Flow Control - The Media Access service manages the flow
of data to account for...functionality by monitoring, identifying and
validating environment integrity prior and during program execution.
(e.g., free disk space, monitor resolution, correct version). These
services are invoked when an application begins processing...scale
easily. Supports S-HTTP, Java, and SNMP.
220
Microsoft Internet Information Server (IIS)
A free add-on product for NT Server that implements basic HTTP
services. Future versions of NT...

15/3,K/7 (Item 7 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT
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00784136

A SYSTEM, METHOD AND ARTICLE OF MANUFACTURE FOR BUSINESS LOGIC SERVICES
PATTERNS IN A NETCENTRIC ENVIRONMENT
SYSTEME, PROCEDE ET ARTICLE DE FABRICATION POUR STRUCTURES DE SERVICES DE
LOGIQUE DE COMMERCE DANS UN ENVIRONNEMENT S'ARTICULANT AUTOUR DE
L'INTERNET

Patent Applicant/Assignee:

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Patent and Priority Information (Country, Number, Date):

Patent: WO 200116728 A2-A3 20010308 (WO 0116728)
Application: WO 2000US24197 20000831 (PCT/WO US0024197)
Priority Application: US 99387658 19990831

Designated States:

(Protection type is "patent" unless otherwise stated - for applications prior to 2004)

AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM DZ EE
ES FI GB GD GE GH GM HR HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU
LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR
TT TZ UA UG UZ VN YU ZA ZW

(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE

(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG

(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW

(EA) AM AZ BY KG KZ MD RU TJ TM

Publication Language: English

Filing Language: English

Fulltext Word Count: 150863

Fulltext Availability:

Detailed Description

Detailed Description

... handler;

Figure 162 illustrates the TiPersistenceStream and TiMapper of an embodiment of the present invention;

Figure 163 illustrates a flowchart for a method for organizing data access among a plurality of...logical requests for reducing network traffic in accordance with an embodiment of the present invention;

Figure 186 illustrates the manner in which the present invention sends requests independently; Figure 187 illustrates...scale easily.

Supports S-HTTP, Java, and SNMP.

Microsoft Internet Information Server (IIS)

218

A free add-on product for NT Server that implements basic HTTP services. Future versions of NT...

15/3,K/8 (Item 8 from file: 349)

DIALOG(R)File 349:PCT FULLTEXT

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00761431

A SYSTEM, METHOD, AND ARTICLE OF MANUFACTURE FOR PROVIDING COMMERCE-RELATED WEB APPLICATION SERVICES

SYSTEME, PROCEDE ET ARTICLE MANUFACTURE DESTINES A LA FOURNITURE DE SERVICES D'APPLICATION DANS LE WEB LIES AU COMMERCE

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BRUESS Steven C (agent), Merchant & Gould P.C., P.O. Box 2903,
Minneapolis, MN 55402-0903, US,

Patent and Priority Information (Country, Number, Date):

Patent: WO 200073957 A2-A3 20001207 (WO 0073957)

Application: WO 2000US14420 20000525 (PCT/WO US0014420)

Priority Application: US 99321492 19990527

Designated States:

(Protection type is "patent" unless otherwise stated - for applications

prior to 2004)

AE AG AL AM AT AT (utility model) AU AZ BA BB BG BR BY CA CH CN CR CU CZ
CZ (utility model) DE DE (utility model) DK DK (utility model) DM DZ EE
EE (utility model) ES FI FI (utility model) GB GD GE GH GM HR HU ID IL IN
IS JP KE KG KP KR KR (utility model) KZ LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SK (utility model) SL TJ TM
TR TT TZ UA UG UZ VN YU ZA ZW
(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE
(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG
(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW
(EA) AM AZ BY KG KZ MD RU TJ TM

Publication Language: English

Filing Language: English

Fulltext Word Count: 150171

Fulltext Availability:

Detailed Description

Detailed Description

... coding represents. Finally, in operation 66, the components and legend are displayed.

With reference to **Figure 1A**, operation 12 includes indicia coding in order to provide a diagnostic presentation of a...can be extremely helpful for evaluating system design. Usability labs, which can be stationery or **portable**, rely on videotape and screen capture methods to record how users interact with prototype systems...

15/3,K/9 (Item 9 from file: 349)

DIALOG(R)File 349:PCT FULLTEXT

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00761422

BUSINESS ALLIANCE IDENTIFICATION

SYSTEME, PROCEDE ET ARTICLE DE PRODUCTION POUR L'IDENTIFICATION D'ALLIANCES COMMERCIALES DANS UN CADRE D'ARCHITECTURE RESEAU

Patent Applicant/Assignee:

ACCENTURE LLP, 100 South Wacker Drive, Chicago, IL 60606, US, US
(Residence), US (Nationality)

Inventor(s):

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MITCHELL James D, 3004 Alma, Manhattan Beach, CA 90266, US,
BARRESE James J, 757 Pine Avenue, San Jose, CA 95125, US,

Legal Representative:

BRUESS Steven C (agent), Merchant, Gould, Smith, Edell, Welter & Schmidt,
P.A., P.O. Box 2903, Minneapolis, MN 55402-0903, US,

Patent and Priority Information (Country, Number, Date):

Patent: WO 200073928 A2-A3 20001207 (WO 0073928)
Application: WO 2000US14375 20000524 (PCT/WO US0014375)
Priority Application: US 99320816 19990527

Designated States:

(Protection type is "patent" unless otherwise stated - for applications prior to 2004)

AE AG AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM DZ EE ES
FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU
LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR
TT TZ UA UG UZ VN YU ZA ZW
(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE
(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG
(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW
(EA) AM AZ BY KG KZ MD RU TJ TM

Publication Language: English

Filing Language: English

Fulltext Word Count: 149371

Fulltext Availability:

Detailed Description

Detailed Description

... 16A is an illustration of one embodiment of the present invention for facilitating a virtual **shopping** transaction by comparing different products and services; Figure 16B is an illustration of one embodiment...

...a flowchart illustrating the integration capabilities in accordance with one embodiment of the present invention;

Figure 33 is a flowchart illustrating the miscellaneous services in accordance with one embodiment of the...can be extremely helpful for evaluating system design. Usability labs, which can be stationery or **portable** , rely on 5 videotape and screen capture methods to record how users interact with prototype...

Set	Items	Description
S1	396	(COMPETITIVE OR COUNTER) () (OFFER? ? OR BID???) OR COUNTEROFFER? ?
S2	3239	SHOPBOT? ? OR ELECTRONIC() CATALOG OR (SHOP OR SHOPPING OR - BUY OR BUYING) (2N) (CART? ? OR BASKET? ? OR AGENT? ? OR SPIDER? ? OR TOOL OR UTILITY OR BROWSER? ? OR PROGRAM? ? OR SCRIPT? ? OR APPLICATION? ? OR SOFTWARE? ?)
S3	1286903	VIRTUAL OR UNIVERSAL OR DETACH? OR SEPARAT? OR DISENGAG? OR DISCONNECT? OR SPLIT? OR UNCOUPL? OR BREAK() (OFF OR AWAY)
S4	1214025	MOBILE OR PORTABLE OR MOVABLE OR PORTATIVE OR TRANSPORTABLE OR TAKE(1W) WITH OR FLUID OR FREE OR LIQUID OR CARRIED OR MIGRANT OR MIGRATORY
S5	1370958	AUTOMAT? OR SELECTIVELY OR DYNAMIC? OR REAL() TIME OR REALTIME OR IMMEDIATE? OR INSTANT? OR INTERACTIV? OR ITERAT? OR MODIFIABL? OR ON(1W) FLY OR FLEXIB? OR ADAPTABL? OR ALTERABL? OR ALTERNAT? OR CHANGEABL? OR CONVERTIBL? OR ADJUSTABL?
S6	1860315	UPDAT??? OR CHANG??? OR COMPAR??? OR COMPARISON OR ADJUSTMENT OR ADJUST??? OR ALTER??? OR CONVERT??? OR MODIF???? OR REDUC??? OR REFRESH OR RENEWED OR REPLACE
S7	1312374	PRICE OR PRICES OR PRICING OR COST OR COSTS OR AMOUNT? ? OR TOTAL? ? OR OFFER? ? OR BID? ? OR DEAL OR FIGURE OR SUM
S8	401023	HOST? ? OR MERCHANT? OR SELLER? OR RETAILER? OR MANUFACTURER? OR TRADER? OR SUPPLIER? OR VENDOR? OR DEALER? OR SITE? ? - OR WEBSITE? ? OR WEB() SITE? ? OR WEBPAGE? ? OR WEB() PAGE? ?
S9	8	S1(S)S2
S10	688	S2(S)S3
S11	299390	S5(10N)S6
S12	208706	S5(5N)S6
S13	13306	S12(5N)S7
S14	21	S13(S)S10
S15	9	S14(S)S4
S16	18	S14(S)S8
S17	9	S16(S) (E OR ELECTRONIC OR ONLINE OR ON() LINE OR INTERNET) (-) (COMMERCE OR SHOPPING OR RETAIL OR BUSINESS)
S18	5	S17 NOT S15

File 348:EUROPEAN PATENTS 1978-2004/Sep W01
(c) 2004 European Patent Office
File 349:PCT FULLTEXT 1979-2002/UB=20040909,UT=20040902
(c) 2004 WIPO/Univentio

18/3,K/1 (Item 1 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT
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00784137

SYSTEM, METHOD, AND ARTICLE OF MANUFACTURE FOR DISTRIBUTED GARBAGE
COLLECTION IN ENVIRONMENT SERVICES PATTERNS
SYSTEME, PROCEDE ET ARTICLE DE FABRICATION EN MATIERE DE RECUPERATION
D'ESPACE REPARTI DANS DES MOTIFS DE SERVICES D'ENVIRONNEMENT

Patent Applicant/Assignee:

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(Residence), US (Nationality)

Inventor(s):

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Legal Representative:

HICKMAN Paul L (agent), Oppenheimer Wolff & Donnelly, LLP, 1400 Page Mill
Road, Palo Alto, CA 94304, US,

Patent and Priority Information (Country, Number, Date):

Patent: WO 200116729 A2-A3 20010308 (WO 0116729)

Application: WO 2000US24238 20000831 (PCT/WO US0024238)

Priority Application: US 99386435 19990831

Designated States:

(Protection type is "patent" unless otherwise stated - for applications
prior to 2004)

AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM DZ EE
ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT
LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM
TR TT TZ UA UG UZ VN YU ZA ZW

(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE

(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG

(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW

(EA) AM AZ BY KG KZ MD RU TJ TM

Publication Language: English

Filing Language: English

Fulltext Word Count: 150959

Fulltext Availability:

Detailed Description

Detailed Description

... information over a network. Currently, the largest computer network in
existence is the Internet. The **Internet** is a worldwide interconnection
of computer networks that communicate using a common protocol. Millions
of...

...the connection is closed in the above interaction, the server serves a
passive role, i. e. ., it accepts commands from the client and cannot
request the client to perform any action...the need for change.
Architectures provide a basic framework for major change initiatives.
Clients'core **business** is performed by strategic applications that will
most likely require frequent and rapid development to...upon, the use of
Netcentric concepts to produce significant reductions in software
packaging and distribution **costs** should be considered. Such concepts
include three- or multi-tier architectures with more business logic...
Definitions of Netcentric may vary. One is about reach and content.

Netcentric is not just **electronic commerce** ; it can impact enterprises
internally as well.

You can begin identifying Netcentric opportunities for clients...local
and wide area

networks as well as the Internet. Lotus Forms - Lotus Development
Corporations **electronic forms** software provides tools to design, route
and track

...of the major commercial component models are object-oriented. In

addition, all of the major vendors have adopted the "Unified Modeling Language" (UML) as a standard notation for describing object models... such as analysis and design approaches or notation. Still, a growing number of publications and vendor strategies attack the enterprise needs within on-line netcentric execution models. Real-world, client solutions...

...Specification has been documented in patterns and implemented in Visual Basic, Java, C++ and a host of execution environments within these language offerings. The power is in the reusable design patterns...

18/3,K/2 (Item 2 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT
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00784132

A SYSTEM, METHOD AND ARTICLE OF MANUFACTURE FOR A LEGACY WRAPPER IN A COMMUNICATION SERVICES PATTERNS ENVIRONMENT
SYSTEME, PROCEDE ET DISPOSITIF POUR MODULE D'HABILLAGE EXISTANT DANS UN ENVIRONNEMENT DE SCHEMAS DE SERVICES DE COMMUNICATION

Patent Applicant/Assignee:

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Inventor(s):

BOWMAN-AMUAH Michel K, 6426 Peak Vista Circle, Colorado Springs, CO 80918, US,

Legal Representative:

HICKMAN Paul L (agent), Oppenheimer Wolff & Donnelly, LLP, 1400 Page Mill Roadast, Palo Alto, CA 94304, US,

Patent and Priority Information (Country, Number, Date):

Patent: WO 200116724 A2-A3 20010308 (WO 0116724)

Application: WO 2000US24084 20000831 (PCT/WO US0024084)

Priority Application: US 99386834 19990831

Designated States:

(Protection type is "patent" unless otherwise stated - for applications prior to 2004)

AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CU CZ DE DK DZ EE ES FI GB
GE GH GM HR HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK
MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN
YU ZW

(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE

(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG

(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW

(EA) AM AZ BY KG KZ MD RU TJ TM

Publication Language: English

Filing Language: English

Fulltext Word Count: 150947

Fulltext Availability:

Detailed Description

Detailed Description

... center.

The following is an example of a circuit-switching/packet-forwarding gateway.

Lucent's Internet Telephony Server - server software that routes calls from PBXs over the Internet or intranets.

Transport...5 intelligible" address for all distributed reports. The address may be used by a print site operator, LAN administrator, or other personnel to manually sort printed output (if required). This criterion...

...it is possible that multiple copies of a report will be sent to the same
site -- to several different users, for example. In these cases, it is
highly
234
desirable to...

...report architecture should support distribution of reports for printing
at centralized, remote, or local print sites without user or operations
personnel intervention.

19. Variable Printer Types: Printing on multiple types of...

...criterion requires that the report architecture support several print
mechanisms, such as postscript drivers and host /mainframe protocols
(for example, Advanced Function Printing [AFP]).

20. Variable Printer Destinations: The report architecture...previous
business
process;

Infrastructure integration from PC to mainframe

The ability to interface with the host -based hardware, system software,
and database management systems is critical. This is essential because
the workflow system is located between the client-based and host -based
processes, ie it can
initiate client-based as well as host -based applications;
LAN and -WAN connectivity

238

Connectivity must include all sites for the supported processes,
enabling a large number and variety of users to use the...are processed
for long periods of elapsed time, and work often moves from one
processing site to another. As data and application logic are split,
better control is needed to track...

...integration issues exist?

It is important to determine how well the workflow system integrates with
host -based hardware, system software, database management systems, and
communication networks. Examples of items to consider...

...workflow efficiency; (6) existence/need for Business Processing
Re-engineering tools.

How stable is the vendor ?

One should consider the leadership and size characteristics of the
products vendor compared to the workflow software marketplace. Another
consideration is whether the vendor is a member of

How mature is the product?

One should consider the age, release...of the major commercial component
models are object-oriented. In addition, all of the major vendors have
adopted the "Unified Modeling Language" (UML) as a standard notation for
describing object models...

...such as analysis and design approaches or notation. Still, a growing
number of publications and vendor strategies attack the enterprise
needs within on-line netcentric execution models. Real-world, client
solutions...

...Specification has been documented in patterns and implemented in Visual
Basic, Java, C++ and a host of execution environments within these
language offerings. The power is in the reusable design patterns...

18/3,K/3 (Item 3 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT
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00784126

SYSTEM, METHOD, AND ARTICLE OF MANUFACTURE FOR AN EXCEPTION RESPONSE TABLE
IN ENVIRONMENT SERVICES PATTERNS

SYSTEME, PROCEDE ET ARTICLE DE PRODUCTION DESTINES A UNE TABLE DE REPONSE
D'EXCEPTION DANS DES CONFIGURATIONS DE SERVICES D'ENVIRONNEMENT

Patent Applicant/Assignee:

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Inventor(s):

BOWMAN-AMUAH Michel K, 6426 Peak Vista Circle, Colorado Springs, CO 80918
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Legal Representative:

HICKMAN Paul L (et al) (agent), Oppenheimer Wolff & Donnelly LLP, 38th
Floor, 2029 century Park East, Los Angeles, CA 90067-3024, US,

Patent and Priority Information (Country, Number, Date):

Patent: WO 200116706 A2-A3 20010308 (WO 0116706)

Application: WO 2000US24086 20000831 (PCT/WO US0024086)

Priority Application: US 99387873 19990831

Designated States:

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prior to 2004)

AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CU CZ DE DK DZ EE ES FI GB
GE GH GM HR HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK
MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN
YU ZW

(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE

(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG

(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW

(EA) AM AZ BY KG KZ MD RU TJ TM

Publication Language: English

Filing Language: English

Fulltext Word Count: 150318

Fulltext Availability:

Detailed Description

Detailed Description

... an image. Form Services provide support for.

Display - support the display of various data types (e.g., text,
numeric, date, etc.) in various formats (e.g., American/European date,
double-byte...humanly intelligible" address for all distributed reports.
The address may be used by a print site operator,

234

LAN administrator, or other personnel to manually sort printed output (if
required). This...

...it is possible that multiple copies of a report will be sent to the same
site -- to several different users, for example. In these cases, it is
highly desirable to have...

...report architecture should support distribution of reports for printing
at centralized, remote, or local print sites without user or operations
personnel intervention.

19. Variable Printer Types: Printing on multiple types of...

...criterion requires that the report architecture support several print
mechanisms, such as postscript drivers and host /mainframe protocols
(for example, Advanced Function Printing [AFP]).

235

. Variable Printer Destinations: The report architecture...business
process;

238

Infrastructure integration from PC to mainframe

The ability to interface with the host -based hardware, system software,
and database management systems is critical. This is essential because
the workflow system is located between the client-based and host -based

processes, ie it can
initiate client-based as well as **host** -based applications;
LAN and WAN connectivity
Connectivity must include all **sites** for the supported processes,
enabling a large number and variety of users to use the...

...key to the efficiency of the workflow system is its capability to
integrate with office **automation** , imaging, electronic mail, and legacy
applications.

Role management

Role management ie provides for the assignment...integration issues
exist?

It is important to determine how well the workflow system integrates with
host -based hardware, system software, database management systems, and
communication networks. Examples of items to consider...

...workflow efficiency; (6) existence/need for Business Processing
Re-engineering tools.

How stable is the **vendor** ?

One should consider the leadership and size characteristics of the
products **vendor** compared to the workflow software marketplace. Another
consideration is whether the **vendor** is a member of How mature is the
product? One should consider the age, release...of the major commercial
component models are object-oriented. In addition, all of the major
vendors have adopted the "Unified Modeling Language" (UML) as a standard
notation for describing object models...such as analysis and design
approaches or notation. Still, a growing number of publications and
vendor strategies attack the enterprise needs within on-line netcentric
execution models. Real-world, client solutions...

...Specification has been documented in patterns and implemented in Visual
Basic, Java, C++ and a **host** of execution environments within these
language offerings. The power is in the reusable design patterns...

18/3,K/4 (Item 4 from file: 349)

DIALOG(R) File 349:PCT FULLTEXT

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00769406 **Image available**

INTEGRATED BUSINESS-TO-BUSINESS WEB COMMERCE AND BUSINESS AUTOMATION SYSTEM SYSTEME INTEGRE D'AUTOMATISATION DES ECHANGES COMMERCIAUX ENTRE ENTREPRISES PAR L'INTERNET

Patent Applicant/Inventor:

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Legal Representative:

COVERSTONE Thomas E (agent), Burns, Doane, Swecker & Mathis, LLP, P.O.
Box 1404, Alexandria, VA 22313-1404, US,

Patent and Priority Information (Country, Number, Date):

Patent: WO 200102927 A2-A3 20010111 (WO 0102927)

Application: WO 2000US16739 20000616 (PCT/WO US0016739)

Priority Application: US 99334688 19990617

Parent Application/Grant:

Related by Continuation to: US 99334688 19990617 (CON)

Designated States:

(Protection type is "patent" unless otherwise stated - for applications
prior to 2004)

AE AG AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM DZ EE ES
FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU
LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR
TT TZ UA UG US UZ VN YU ZA ZW

(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE

(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG

(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW
(EA) AM AZ BY KG KZ MD RU TJ TM
Publication Language: English
Filing Language: English
Fulltext Word Count: 51133

Fulltext Availability:
Claims

Claim

... supply can simply be fit into the existing mechanism. This ability allows massive, inexpensive, flexible **e - commerce** infrastructure across industries.
Linking the budgeting process and the performance evaluation (human resources, personnel) process...

...enforcement by department may be made automatic in the same manner that budget enforcement by **vendor** is automatic. The versatility of the program allows it to accommodate almost any desired system...a PSRI function and a Supply Chain Management function operate to communicate demand information to **suppliers** . For stock items, the PSRI function consolidates demand information from multiple parties and communicates the...

...the Supply Chain Management function "parcels out" appropriate demand information to each of Level I (**manufacturer**), Level 2 and Level 3 **suppliers** (or any number of levels of **suppliers**). The Level 3 **supplier** ships to either the Level 2 **supplier** or the Level I **supplier** . The Level 2 **supplier** ships to the Level I **supplier** . The Level I **supplier** manufactures the desired end items and ships to customers, making possible an integrated supply
143...automatically. In an exemplary embodiment, such automats perform PO/MWS Conversion, a PSRI process, a **Vendor** Product Pricing process, a Customer Pricing Update process, a **Vendor** Confirmation process, etc. A consolidated process cluster is coupled to the network block so as...

...to some or all of the following business processes: P/O conversion, PSRI, price/product, **vendor** invoice verification, G/L and accounting, sales tax/recurring process, reports for customers, and reports...

...machines are provided, each of which performs catalog processing for a respective one of multiple **vendors** , e.g., **Vendor A**, **Vendor B**, **Vendor C**, etc. Stored on each stand alone machine is a local copy of the catalog structure and data for that **vendor** . Each stand alone machine imports product information for a particular **vendor** and creates upload files. Updated and deleted products for each **vendor** are uploaded to an import client designated for importing products. The import client in turn...

...catalog.
The stand alone machines of Figure 173 may function in conjunction with ggautomats," i. e ., **business** -task-specific PCs that run continuously, or nearly so, in the background to accomplish a...

...prepared by the stand alone machines, various automaton machines process the data. As shown in **Figure** 174, one **automaton** might perform **price update** and PO processing, another **automaton** might handle **vendor** invoice verification, another automaton might handle some additional process, etc. Each automaton is associated with...

...to a specific business function, e.g., G/L, financial statements, sales tax, purchase orders, **vendor** invoice verification, **vendor** payment, reports, etc. In this manner, business information is channeled in a highly structured manner...etc.). To automate such interaction using conventional software, two alternatives are presented. One is to **buy** multiple **software** packages for multiple respective domains

and operate those software packages at the same time...

...the two programs to paper over, to some degree, the fact that the programs are **separate** and distinct. In either case, without real-time synchronous communication between the software packages, data...database application serves as a webbusiness front-end solution to an existing back end. Customer/ **vendor** requests are input to the system, which acts as a front-end web business interface...

18/3,K/5 (Item 5 from file: 349)
DIALOG(R) File 349:PCT FULLTEXT
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00761430 **Image available**

SYSTEM, METHOD AND COMPUTER PROGRAM FOR REPRESENTING PRIORITY INFORMATION CONCERNING COMPONENTS OF A SYSTEM

SYSTEME, METHODE ET ARTICLE FABRIQUE PERMETTANT DE CLASSER PAR ORDRE DE PRIORITE DES COMPOSANTS D'UNE STRUCTURE DE RESEAU NECESSAIRES A LA MISE EN OEUVRE D'UNE TECHNIQUE

Patent Applicant/Assignee:

ANDERSEN CONSULTING LLP, 100 South Wacker Drive, Chicago, IL 60606, US,
US (Residence), US (Nationality)

Inventor(s):

GUHEEN Michael F, 2218 Mar East Street, Tiburon, CA 94920, US,
MITCHELL James D, 3004 Alma, Manhattan Beach, CA 90266, US,
BARRESE James J, 757 Pine Avenue, San Jose, CA 95125, US,

Legal Representative:

BRUESS Steven C (agent), Merchant & Gould P.C., P.O. Box 2903,
Minneapolis, MN 55402-0903, US,

Patent and Priority Information (Country, Number, Date):

Patent: WO 200073956 A2-A3 20001207 (WO 0073956)

Application: WO 2000US14406 20000524 (PCT/WO US0014406)

Priority Application: US 99321274 19990527

Designated States:

(Protection type is "patent" unless otherwise stated - for applications prior to 2004)

AE AG AL AM AT (utility model) AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ
(utility model) CZ DE (utility model) DE DK (utility model) DK DM DZ EE
(utility model) EE ES FI (utility model) FI GB GD GE GH GM HR HU ID IL IN
IS JP KE KG KP KR (utility model) KR KZ LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK (utility model) SK SL TJ TM
TR TT TZ UA UG UZ VN YU ZA ZW

(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE

(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG

(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW

(EA) AM AZ BY KG KZ MD RU TJ TM

Publication Language: English

Filing Language: English

Fulltext Word Count: 149024

Fulltext Availability:

Detailed Description

Detailed Description

... 16 is an illustration of one embodiment of the present invention for facilitating a virtual **shopping** transaction;
Figure 16A is an illustration of one embodiment of the present invention for facilitating...which are necessary to afford various activities over the Internet.

Such components may include: an **electronic commerce** component, a content channels component, an administrative component, a customer relationship management component, a content management...

STN

(FILE 'HOME' ENTERED AT 15:53:35 ON 14 SEP 2004)

FILE 'CONFSCI' ENTERED AT 15:54:12 ON 14 SEP 2004

L1 19 S (COMPETITIVE OR COUNTER) (A) (OFFER? OR BID?) OR COUNTEROFFER?
L2 12 S SHOPBOT? OR ELECTRONIC(A) CATALOG OR (SHOP OR SHOPPING OR BUY
L3 2033 S VIRTUAL OR UNIVERSAL
L4 9375 S DETACH? OR SEPARAT? OR DISENGAG? OR DISCONNECT? OR SPLIT? OR
L5 36819 S MOBILE OR PORTABLE OR MOVABLE OR PORTATIVE OR TRANSPORTABLE O
L6 53922 S AUTOMAT? OR SELECTIVELY OR DYNAMIC? OR REAL() TIME OR REALTIME
L7 123516 S UPDAT? OR CHANG? OR COMPAR? OR COMPARISON OR ADJUSTMENT OR AD
L8 17187 S PRICE OR PRICES OR PRICING OR COST OR COSTS OR AMOUNT? OR TOT
L9 20938 S HOST? OR MERCHANT? OR SELLER? OR RETAILER? OR MANUFACTURER? O
L10 21398 S FIRST OR INITIAL OR MAIN OR ORIGINAL OR STARTER OR STARTING O
L11 28676 S ALTERNATIVE OR OTHER OR ANOTHER OR DIFFERENT OR SECOND OR RIV
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L18 0 S L2 AND L5
L19 89942 S CART? OR BASKET? OR AGENT? OR SPIDER? OR TOOL OR UTILITY OR B
L20 5 S L19 AND L13

=> D L20 TOT BIB, KWIC

L20 ANSWER 1 OF 5 CONFSCI COPYRIGHT 2004 CSA on STN
AN 2003:48275 CONFSCI
DN 03-048275
TI System architectures for **E-commerce applications**
AU Stamey, J.W., Jr.
CS Dep. Computer Sci., Coastal Carolina Univ.
SO South Carolina Academy of Science, c/o Dr. Karen Fox, SCJAS Director,
Dept. of Microbiology and Immunology, USC School of Medicine, Columbia, SC
29208, USA; phone: 803-733-1529; fax: 803-733-3192.
Meeting Info.: 000 6737: South Carolina Academy of Science 76th Annual
Meeting (0006737). Clemson, SC (USA). 20-21 Mar 2003. South Carolina
Academy of Science.
DT Conference
FS DCCP
LA English
TI System architectures for **E-commerce applications**

L20 ANSWER 2 OF 5 CONFSCI COPYRIGHT 2004 CSA on STN
AN 2003:9139 CONFSCI
DN 03-009139
TI Combining wireless location services with enterprise **e-business applications**
AU Kleiman, E.
SO Map Asia 2002, Nihar Ranjan Bhattacharjee; email: info@mapasia.org; URL:
www.mapasia.org/2002/. Paper No. 64.
Meeting Info.: 000 6296: Map Asia 2002 (0006296). Bangkok (Thailand). 7-9
Aug 2002. Hewlett-Packard, Map-Info, Autodesk.
DT Conference
FS DCCP
LA English
TI Combining wireless location services with enterprise **e-**

09/14/2004

STN

business applications

L20 ANSWER 3 OF 5 CONFSCI COPYRIGHT 2004 CSA on STN

AN 2000:70029 CONFSCI

DN 00-066900

TI Adaptive user interface for **e-commerce applications**

AU Abbattista, F.

CS Dipartimento di Informatica, Universita' di Bari, Italy

SO The International Institute of Informatics and Systemics, SCI'2000, 7525

Karlov Avenue, Skokie, IL 60076, USA; fax: 407-856-6274; email:

WMSCI2000@aol.com; URL: <http://www.iiis.org/isas/>.

Meeting Info.: 000 5332: The 4th Multiconference on Systemics, Cybernetics and Informatics SCI 2000 and The 6th International Conference on

Information Systems, Analysis and Synthesis ISAS 2000 (0005332). Orlando, FL (USA). 23-26 Jul 2000. The International Institute of Informatics and Systemics.

DT Conference

FS DCCP

LA English

TI Adaptive user interface for **e-commerce applications**

L20 ANSWER 4 OF 5 CONFSCI COPYRIGHT 2004 CSA on STN

AN 2000:69266 CONFSCI

DN 00-066137

TI Electronic personal sales assistants: An interface to **e-commerce applications**

AU Arafa, Y.; Mamdani, A.

SO The International Institute of Informatics and Systemics, SCI'2000, 7525

Karlov Avenue, Skokie, IL 60076, USA; fax: 407-856-6274; email:

WMSCI2000@aol.com; URL: <http://www.iiis.org/isas/>.

Meeting Info.: 000 5332: The 4th Multiconference on Systemics, Cybernetics and Informatics SCI 2000 and The 6th International Conference on

Information Systems, Analysis and Synthesis ISAS 2000 (0005332). Orlando, FL (USA). 23-26 Jul 2000. The International Institute of Informatics and Systemics.

DT Conference

FS DCCP

LA English

TI Electronic personal sales assistants: An interface to **e-commerce applications**

L20 ANSWER 5 OF 5 CONFSCI COPYRIGHT 2004 CSA on STN

AN 2000:69006 CONFSCI

DN 00-065877

TI **Agent-mediated E-commerce**

AU Griss, M.L

SO The International Institute of Informatics and Systemics, SCI'2000, 7525

Karlov Avenue, Skokie, IL 60076, USA; fax: 407-856-6274; email:

WMSCI2000@aol.com; URL: <http://www.iiis.org/isas/>.

Meeting Info.: 000 5332: The 4th Multiconference on Systemics, Cybernetics and Informatics SCI 2000 and The 6th International Conference on

Information Systems, Analysis and Synthesis ISAS 2000 (0005332). Orlando, FL (USA). 23-26 Jul 2000. The International Institute of Informatics and Systemics.

DT Conference

FS DCCP

LA English

09/14/2004

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TI **Agent-mediated E-commerce**

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S7	4190917	UPDAT??? OR CHANG??? OR COMPAR??? OR COMPARISON OR ADJUSTMENT OR ADJUST??? OR ALTER??? OR CONVERT??? OR MODIF???? OR REDUC??? OR REFRESH OR RENEWED OR REPLACE
S8	2939286	PRICE OR PRICES OR PRICING OR COST OR COSTS OR AMOUNT? ? OR TOTAL? ? OR OFFER? ? OR BID? ? OR DEAL OR FIGURE OR SUM
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7869668 INSPEC Abstract Number: C2004-03-6150N-161

Title: Market models for p2p content distribution

Author(s): Antoniadis, P.; Courcoubetis, C.

Author Affiliation: Dept. of Informatics, Athens Univ. of Econ. & Bus., Greece

Conference Title: Agents and Peer-to-Peer Computing. First International Workshop, AP2PC 2002. Revised and Invited Papers (Lecture Notes in Artificial Intelligence Vol.2530) p.138-43

Editor(s): Moro, G.; Koubarakis, M.

Publisher: Springer-Verlag, Berlin, Germany

Publication Date: 2003 Country of Publication: Germany xii+169 pp.

ISBN: 3 540 40538 0 Material Identity Number: XX-2003-02488

Conference Title: Agents and Peer-to-Peer Computing. First International Workshop, AP2PC 2002. Revised and Invited Papers

Conference Date: 15 July 2002 Conference Location: Bologna, Italy

Language: English Document Type: Conference Paper (PA)

Treatment: Practical (P)

Abstract: The new p2p networking paradigms offer new possibilities for content distribution over the Internet. We propose a model that treats peers as independent economic **agents** **buying** and selling content and investigate the basic economic properties of such a market managed p2p content distribution network. Initially, we assume that no peer has the content, and there is a substantial initial cost to bring it within the peer group. The bargaining position and hence the price that can be posted by an agent having the content depends on the cost to transport the content to the requesting peer, its value, and the number of other agents providing the same content. We discuss the influence of parameters such as the maximum number of the **competitive** **offers** allowed by the system, content popularity, its value to the agents, and the transport costs, taking into account the risk of the first agent incurring the initial content cost. (4 Refs)

Subfile: C

Descriptors: competitive intelligence; content management; costing; distributed processing; economics; Internet; market research; marketing data processing; software agents

Identifiers: market models; Internet; economic agents; p2p content distribution network; peer group; content cost; p2p networking paradigms; independent economic agents

Class Codes: C6150N (Distributed systems software); C7210N (Information networks); C7170 (Marketing computing); C6170K (Knowledge engineering techniques); C7120 (Financial computing)

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6084085 INSPEC Abstract Number: B9812-8230-031, C9812-3340H-196

Title: A model for IPP sales to electric utilities

Author(s): Norman, G.L.; Anderson, R.W.

Author Affiliation: Polk County Plant, Florida Power Corp., St. Petersburg, FL, USA

Conference Title: Proceedings of the American Power Conference. 58th Annual Meeting 1996. Technology for Competition and Globalization Part vol.2 p.906-11 vol.2

Editor(s): McBride, A.E.

Publisher: Illinois Inst. Technol, Chicago, IL, USA

Publication Date: 1996 Country of Publication: USA 2 vol. (xxii+ xviii+1614) pp.

Material Identity Number: XX98-02359

Conference Title: Proceedings of 58th American Power Conference Annual

Meeting

Conference Sponsor: Illinois Inst. Technol

Conference Date: 9-11 April 1996 Conference Location: Chicago, IL, USA

Language: English Document Type: Conference Paper (PA)

Treatment: Economic aspects (E); Practical (P)

Abstract: Using the University of Florida Cogeneration Plant as an example, an IPP entering the deregulated market must incorporate several important items in its plant operation if it expects to sell unused electrical energy to an electric utility. First it must win the competitive bid. Florida Power ultimately built the University of Florida Cogeneration Plant, despite competition. Next it must be willing to bid its energy at below the as-available energy cost of the system when its contractual customer is not taking the energy. Without this, there is no economic incentive for the utility to buy its' energy. It must be reliable, having no significant impact on the utility's spinning reserve. In addition an IPP must provide for system regulation, both in power output and reactive power. Adverse impact on system operation is a recognized reason for refusing energy from IPPs and supported by the Florida Public Service Commission. The University of Florida Cogeneration Plant is a model for this type of operation. It has met all of these criteria successfully and continues in operation under a system where it must bid its power every hour. An IPP entering the competitive market can not expect preferential treatment, and must be able to meet and exceed this performance to successfully sell generation to the utility. (0 Refs)

Subfile: B C

Descriptors: cogeneration; economics; electricity supply industry; power system control; power system reliability

Identifiers: IPP sales model; electric utilities; University of Florida; Cogeneration Plant; independent power producer; unused electrical energy sale; electric utility; competitive bid; energy bid; energy cost; reliability; system regulation; power output regulation; reactive power regulation

Class Codes: B8230 (Thermal power stations and plants); B8110B (Power system management, operation and economics); B0170N (Reliability); C3340H (Control of electric power systems)

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01798402 ORDER NO: AADAA-IC720447

EN STUDIE AV PRISFORHANDLINGAR VID FORETAGSFORVARV

Original Title: A STUDY OF PRICE NEGOTIATIONS IN CORPORATE TAKEOVERS

Author: KRISTENSEN, HENRIK LARS

Degree: EKON.DR

Year: 1999

Corporate Source/Institution: LUNDS UNIVERSITET (SWEDEN) (0899)

Source: VOLUME 60/04-C OF DISSERTATION ABSTRACTS INTERNATIONAL.

PAGE 694. 272 PAGES

Descriptors: ECONOMICS, FINANCE

Descriptor Codes: 0508

Language: SWEDISH

ISBN: 91-7966-573-X

Publisher: LUND UNIVERSITY PRESS, P.O. BOX 141, SE-221 00 LUND, SWEDEN

Scholars within the Process school assume that cognitive and motivational aspects within the decision and integration processes may systematically effect the outcome of mergers and acquisitions. More specifically, it has been suggested that decision makers use heuristics for simplifying information processing which may introduce bias. The main aim of the present thesis is to add to the understanding of how offers and counteroffers, and information about a fair price affects the process and outcome of price negotiations in mergers and acquisitions.

The results from five prestudies and one case study showed that norms of fairness may influence takeover negotiations. The head negotiations emphasized that they did not tried to buy (sell) to lowest (highest) possible price, but at a just price. However, it was not possible to disentangle if the parties had an interest in being "perfectly" fair, or if they had a more "egoistic" interpretation of fairness.

In order to further investigate whether or not fairness matters in corporate takeovers, simulation experiments was conducted with MBA students. By letting subjects rate their degree of satisfaction with the offered selling prices, it was possible to establish a "social utility function" which specifies the level of satisfaction with outcomes to oneself and others. The results clearly showed that buyers' social utility function was affected by information of a fair price. However, it seems like that they were more interested in that themselves were not being treated unfair (steeper decreasing social utility for buying at a price higher than a fair price) than treating others unfairly (flatter increasing social utility for buying at a price lower than a fair price). The behavioral predictions was tested in two additional simulated takeover negotiations. These results clearly showed that the negotiation process and outcome were affected by information about a fair price. More specifically, selling prices were lower when the subjects had received information about a low fair price, and higher when they had information about a high fair price. In addition, as if subjects anchored their counteroffer on the opponents initial offer and insufficiently adjusted from it, buyers first counteroffers were higher and sellers' first counteroffer lower when the opponent started the negotiation. Furthermore, was the negotiated outcome lower when the buyer started the negotiation.

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S5	1735670	MOBILE OR PORTABLE OR MOVABLE OR PORTATIVE OR TRANSPORTABLE OR TAKE(1W) WITH OR FLUID OR FREE OR LIQUID OR CARRIED OR MIG- RANT OR MIGRATORY
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S7	4190917	UPDAT??? OR CHANG??? OR COMPAR??? OR COMPARISON OR ADJUSTM- ENT OR ADJUST??? OR ALTER??? OR CONVERT??? OR MODIF???? OR RE- DUC??? OR REFRESH OR RENEWED OR REPLACE
S8	2939286	PRICE OR PRICES OR PRICING OR COST OR COSTS OR AMOUNT? ? OR TOTAL? ? OR OFFER? ? OR BID? ? OR DEAL OR FIGURE OR SUM
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S16	148808	S6 AND S7 AND S8
S17	124	S2 AND S3
S18	3	S16 AND S17
S19	3	RD (unique items)
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File	233:Internet & Personal Comp. Abs. 1981-2003/Sep	(c) 2003 EBSCO Pub.
File	474:New York Times Abs 1969-2004/Sep 13	(c) 2004 The New York Times
File	475:Wall Street Journal Abs 1973-2004/Sep 13	(c) 2004 The New York Times
File	583:Gale Group Globalbase(TM) 1986-2002/Dec 13	(c) 2002 The Gale Group
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DIALOG(R)File 2:INSPEC
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7465868 INSPEC Abstract Number: C2003-01-7210N-024

Title: Domain-dependent information gathering agent

Author(s): Pivk, A.; Gams, M.

Author Affiliation: Jozef Stefan Inst., Ljubljana, Slovenia

Journal: Expert Systems with Applications vol.23, no.3 p.207-18

Publisher: Elsevier,

Publication Date: Oct. 2002 Country of Publication: UK

CODEN: ESAPEH ISSN: 0957-4174

SICI: 0957-4174(200210)23:3L:207:DDIG;1-O

Material Identity Number: N813-2002-007

U.S. Copyright Clearance Center Code: 0957-4174/02/\$22.00

Document Number: S0957-4174(02)00040-4

Language: English Document Type: Journal Paper (JP)

Treatment: Practical (P)

Abstract: A **universal** agent should be capable of gathering information from arbitrary heterogeneous sites and **offer** intelligent information services on its own based on information so gathered. We present a domain-dependent agent for information gathering. It can visit an arbitrary domain-related site by observing a user perform the first query. By understanding key concepts of the first query, the agent performs subsequent queries autonomously. When a user asks the agent about a particular item, the agent gathers relevant information from various sites. The major advantage of the agent is a semi- **automatic** creation of a wrapper around a particular site with few human interventions. We have implemented two versions of such information gathering **agents**: ShinA (**SHopping** Assistant) for e-trading tasks, and EMA (EMployment Agent), which performs employment and job related functions over the Internet. (43 Refs)

Subfile: C

Descriptors: electronic commerce; employment; information resources; information retrieval; Internet; learning by example; software agents

Identifiers: domain-dependent information gathering agent; **universal** agent; intelligent information services; query; wrapper; ShinA; Shopping Assistant; e-trading tasks; EMA; Employment Agent; Internet; inductive learning; **comparison** shopping

Class Codes: C7210N (Information networks); C6170 (Expert systems and other AI software and techniques); C7250R (Information retrieval techniques); C6150N (Distributed systems software); C7180 (Retailing and distribution computing)

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01704839 ORDER NO: AAD99-29906

DESIGN OF COMPUTATIONAL MARKET SYSTEMS FOR NETWORK INFORMATION SERVICES (LIBRARY SERVICES)

Author: MULLEN, TRACY

Degree: PH.D.

Year: 1999

Corporate Source/Institution: THE UNIVERSITY OF MICHIGAN (0127)

Chair: MICHAEL P. WELLMAN

Source: VOLUME 60/05-B OF DISSERTATION ABSTRACTS INTERNATIONAL.

PAGE 2215. 223 PAGES

Descriptors: COMPUTER SCIENCE ; INFORMATION SCIENCE ; BUSINESS ADMINISTRATION, MARKETING

Descriptor Codes: 0984; 0723; 0338

One of the goals of an information service network is to provide users with access to a multitude of highly distributed and constantly **changing**

information sources and services. Market **price** systems constitute one well-studied class of mechanisms for allocating resources among distributed decision makers. By implementing a **virtual** market system for computational agents, we can hope to realize some of the desirable properties of markets in the distributed computing context. Moreover, the underlying economic theory provides an analytical framework for predicting aggregate behavior and for designing individual agents.

This thesis identifies and explores some of the issues involved in designing computational market systems in the context of the University of Michigan Digital Library (UMDL). UMDL provides library services in a distributed environment, where information **agents** **buy** and **sell** information services. The explicit realization of this design is to provide a commerce infrastructure that supports the process of describing, locating, and negotiating for a wide variety of information services. One part of this infrastructure is the interaction framework: service description languages, and negotiation and exchange protocols. Another consists of various infrastructure services, which simplify and **automate** the use of many these languages and protocols. This thesis focuses on the design of negotiation protocols and the integration of negotiation mediators, or auctions.

Since the number of potential service offerings and negotiation options is unbounded, UMDL also requires some mechanism to manage the scope of markets actually available to agents. The Auction Manager infrastructure component provides commerce middleware services that simplify and **automate** both the creation of new markets and the matching of buyers and sellers to existing markets. Online services often allow agents to select various service options. By formally representing two selection operators (buyer and seller choice) and related inference rules, the Auction Manager can more **flexibly** match agents to markets and detect arbitrage opportunities. The Auction Manager also provides a vehicle to experiment with **alternative** auction creation policies. Two simple case studies evaluate the welfare effects of different market configurations and auction parameters, and provide a basis for future auction creation policies in the Auction Manager.

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00513773 98CW11-315

Post, Newsweek offer comparison -shopping -- Interactive Web venture builds a virtual shopping mall

Ohlson, Kathleen

Computerworld , November 23, 1998 , v32 n47 p49, 1 Page(s)

ISSN: 0010-4841

Company Name: Washington Post; Newsweek; Junglee; amazon.com

Product Name: Washingtonpost.newsweek **Interactive** ; MarketPlace

Languages: English

Document Type: Articles, News & Columns

Geographic Location: United States

Reposts that the Washington Post and Newsweek are targeting the online shopping market with a joint new-media venture, Washingtonpost.Newsweek **Interactive** , that includes a comparative **shopping** tool from the publications' Web sites. Notes that both are owned by the Washington Post Co. Explains that it also contains MarketPlace, a **shopping** tool created by Sunnyvale, CA-based Junglee, now owned by Seattle-based Amazon.com Inc., where users can search for products by **price** , product brand name, and merchant. Reports that there will be contextual links or ads placed next to related editorial materials throughout, where appropriate. Cites Paul Pappajohn, vice president of development and electronic commerce for the firm, ``We believe it's an added benefit to the reader, (but) we're not endorsing any specific product.'' (bjp)

Descriptors: Web Sites; Electronic Shopping; Web Publishing; Planning ; Electronic Commerce; Corporate Strategy; News

Identifiers: Washingtonpost.newsweek **Interactive** ; MarketPlace;

Washington Post; Newsweek; Junglee; amazon.com

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S15	3	RD (unique items)
S16	148808	S6 AND S7 AND S8
S17	124	S2 AND S3
S18	3	S16 AND S17
S19	3	RD (unique items)
S20	351	S2 AND (S4 OR S5)
S21	13	S20 AND S16
S22	13	RD (unique items)
S23	5	S22 AND S13
S24	569	S13 AND S2
S25	44	S24 AND S16
S26	38	S25 AND S9
S27	20	S26 AND S12
S28	12	S27 AND S11
S29	6	S28 AND S10
S30	4	RD (unique items)

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7914179 INSPEC Abstract Number: C2004-05-7100-019

Title: **Negotiation modeling and e - shopping agents**

Author(s): Huang, R.

Author Affiliation: Fac. of Comput. & Inf. Sci., Hosei Univ., Tokyo, Japan

Conference Title: Proceedings Fifth International Conference on Computational Intelligence and Multimedia Applications. ICCIMA 2003 p. 3-10

Editor(s): Jiao, L.; Selvaraj, H.; Verma, B.; Yao, X.

Publisher: IEEE Comput. Soc, Los Alamitos, CA, USA

Publication Date: 2003 Country of Publication: USA xiii+476 pp.

ISBN: 0 7695 1957 1 Material Identity Number: XX-2003-03156

U.S. Copyright Clearance Center Code: 0 7695 1957 1/2003/\$17.00

Conference Title: Proceedings Fifth International Conference on Computational Intelligence and Multimedia Applications. ICCIMA 2003

Conference Date: 27-30 Sept. 2003 Conference Location: Xi'an, China

Language: English Document Type: Conference Paper (PA)

Treatment: Practical (P)

Abstract: Negotiation is a key component of **e - business**. Like business in the real world, negotiation often occurs between two parties or among parties. Considering how to settle on the terms of a transaction, negotiation varies in duration and complexity depending on the market. In general, people are directly engaged in a negotiation process with common knowledge, their experience, and certain learning or reasoning strategies. The human involved negotiations accrue transaction **costs** that may be too high for either consumers or **merchants**. Software agent technologies can be used to **automate several** of the most time-consuming stages and help human combat information overload and expedite specific stages of the business process. The agent-mediated **e - business** systems are creating new markets (low- **cost** consumer-to-consumer goods) and **beginning to reduce** transaction **cost** in variety of business processes. With a rational negotiation model, software agents should be able to negotiate in an intelligent way on behalf of the real-world parties they represent. However, one of the challenging problems here is negotiation modeling. How to precisely reflect human's negotiation process on **different** levels is a crucial point. This paper presents our studies on negotiation modeling and demonstrates the negotiation model based **e - shopping agents**. (17 Refs)

Subfile: C

Descriptors: **electronic commerce**; inference mechanisms; learning (artificial intelligence); negotiation support systems; software agents

Identifiers: negotiation modeling; **e - shopping agents**; **e - business**; transaction process; learning strategy; reasoning strategies; transaction **costs**; software agent; information overload; business processes; consumer-to-consumer goods

Class Codes: C7100 (Business and administration); C6170K (Knowledge engineering techniques); C7102 (Decision support systems); C1230R (Reasoning and inference in AI); C1230L (Learning in AI)

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7061851 INSPEC Abstract Number: C2001-11-1290D-080

Title: **Economics of dynamic pricing in a reputation brokered agent mediated marketplace**

Author(s): Zacharia, G.; Evgeniou, T.; Moukas, A.; Boufounos, P.; Maes, P.

Author Affiliation: Media Lab., MIT, Cambridge, MA, USA

Book Title: **E - commerce** agents. Marketplace solutions, security

issues, and supply and demand p.25-38

Editor(s): Liu, J.; Ye, Y.

Publisher: Springer-Verlag, Berlin, Germany

Publication Date: 2001 Country of Publication: Germany vi+346 pp.

ISBN: 3 540 41934 9 Material Identity Number: XB-2001-00043

Language: English Document Type: Book Chapter (BC)

Treatment: Theoretical (T)

Abstract: We present a framework to study the microeconomic effects in a reputation brokered agent mediated knowledge marketplace, where we introduce **dynamic pricing** algorithms. We study the market with computer simulations of multiagent interactions. In this marketplace, the **seller** reputations are **updated** in a collaborative fashion based on the performance of the user in the delegated tasks. To the best of our knowledge, this is the **first** agent mediated marketplace where the agents use **dynamic pricing** based on "**dynamically**" **updated** reputations. The framework can be used to investigate the **different** equilibria reached, based on the level of intelligence of the selling agents, the level of **price** -importance elasticity of the **buying agents**, and the level of unemployment in the marketplace. Preliminary experiments addressing these issues are presented. (10 Refs)

Subfile: C

Descriptors: economic cybernetics; **electronic commerce**; **multi-agent** systems; software agents

Identifiers: **dynamic pricing**; reputation brokered agent mediated marketplace; microeconomic effects; **dynamic pricing** algorithms; computer simulations; multiagent interactions; **seller** reputations; delegated tasks; **updated** reputations; equilibria; selling agents; **price** -importance elasticity; **buying agents**; unemployment; agent mediated **electronic commerce**; software agents

Class Codes: C1290D (Systems theory applications in economics and business); C7120 (Financial computing); C6170 (Expert systems and other AI software and techniques)

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30/5/3 (Item 3 from file: 2)

DIALOG(R)File 2:INSPEC

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6892805 INSPEC Abstract Number: C2001-05-7120-050

Title: **Dynamic pricing in a reputation-brokered agent-mediated marketplace**

Author(s): Zacharia, G.; Evgeniou, T.; Maes, P.

Author Affiliation: Media Lab., MIT, Cambridge, MA, USA

Journal: International Journal of Intelligent Systems in Accounting, Finance and Management vol.9, no.4 p.271-86

Publisher: Wiley,

Publication Date: Dec. 2000 Country of Publication: UK

CODEN: IJAMEN ISSN: 1055-615X

SICI: 1055-615X(200012)9:4L:271:DPRB;1-T

Material Identity Number: P932-2001-001

Language: English Document Type: Journal Paper (JP)

Treatment: Practical (P); Experimental (X)

Abstract: We describe an agent-mediated marketplace, with **dynamically changing** reputation ratings. In this marketplace, the **seller** reputations are **updated** in a collaborative fashion based on the performance of the user in the delegated tasks. We study the market with computer simulations of multiagent interactions, where **sellers** learn how to **price** their services **dynamically**. We **first** present some simple **dynamic pricing** methods and we investigate the **different** equilibria reached, based on the level of intelligence of the selling agents, the level of **price** -importance elasticity of the **buying agents**, and the level of unemployment in the marketplace. We then **compare** the equilibria reached with a theoretically 'optimal' equilibrium that we show to exist. Based on the results of this **comparison** we design a new **dynamic pricing** algorithm that we experimentally show to be almost optimal for

reputation-brokered agent-mediated marketplaces. (13 Refs)

Subfile: C

Descriptors: costing; **electronic commerce** ; learning (artificial intelligence); **multi -agent systems**

Identifiers: **dynamic pricing** ; reputation-brokered agent-mediated marketplace; **dynamically changing** reputation ratings; computer simulations; **multi -agent interactions**; selling agents; **buying agents** ; optimal equilibrium; experiment; **electronic commerce** ; learning

Class Codes: C7120 (Financial computing); C6170 (Expert systems and other AI software and techniques); C7180 (Retailing and distribution computing); C1230 (Artificial intelligence)

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30/5/4 (Item 1 from file: 233)

DIALOG(R)File 233:Internet & Personal Comp. Abs.

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00612194 00IK10-009

Customer still doesn't come first

Kemp, Ted; Tillett, L Scott

InternetWeek , October 2, 2000 , n831 p1, 98, 2 Page(s)

ISSN: 0746-8121

Languages: English

Document Type: Articles, News & Columns

Geographic Location: United States

Emphasizes the necessity for online **merchants** to get their customer service operations right in the year 2000 Christmas holiday season. Cites the reasons why online shoppers do not complete Web transactions: shipping charges are too high, item is unavailable, navigating the **site** is too difficult, order did not go through, order form is too complicated, and user could not use coupon or discount. Presents ways that electronic **retailers** can improve the buying experience: **offer** a quick way to **compare** contents of **shopping carts** with **other** products; let shoppers know up front how much shipping will **cost** ; take two hours or less to respond to a query and use live chat for providing **instantaneous** responses; **offer** the ability to ship gifts to **multiple** addresses in one order; allow **more than one** method of payment for a single order; expedite credit card verification, even if it means using a third-party service. Includes a sidebar and two charts. (MEM)

Descriptors: Customer Support; **Electronic Commerce** ; Retailing; **Electronic Shopping** ; Sales; Purchasing

Set	Items	Description
S1	1030	(COMPETITIVE OR COUNTER) () (OFFER? ? OR BID???) OR COUNTEROFFER? ?
S2	4542	SHOPBOT? ? OR ELECTRONIC() CATALOG OR (SHOP OR SHOPPING OR - BUY OR BUYING) (2N) (CART? ? OR BASKET? ? OR AGENT? ? OR SPIDER? ? OR TOOL OR UTILITY OR BROWSER? ? OR PROGRAM? ? OR SCRIPT? ? OR APPLICATION? ? OR SOFTWARE? ?)
S3	193255	VIRTUAL OR UNIVERSAL
S4	649989	DETACH? OR SEPARAT? OR DISENGAG? OR DISCONNECT? OR SPLIT? - OR UNCOUPL? OR BREAK() (OFF OR AWAY)
S5	1735670	MOBILE OR PORTABLE OR MOVABLE OR PORTATIVE OR TRANSPORTABLE OR TAKE(1W) WITH OR FLUID OR FREE OR LIQUID OR CARRIED OR MIGRANT OR MIGRATORY
S6	2434209	AUTOMAT? OR SELECTIVELY OR DYNAMIC? OR REAL() TIME OR REALTIME OR IMMEDIATE? OR INSTANT? OR INTERACTIV? OR ITERAT? OR MODIFIABL? OR ON(1W) FLY OR FLEXIB? OR ADAPTABL? OR ALTERABL? OR ALTERNAT? OR CHANGEABL? OR CONVERTIBL? OR ADJUSTABL?
S7	4190917	UPDAT??? OR CHANG??? OR COMPAR??? OR COMPARISON OR ADJUSTMENT OR ADJUST??? OR ALTER??? OR CONVERT??? OR MODIF???? OR REDUC??? OR REFRESH OR RENEWED OR REPLACE
S8	2939286	PRICE OR PRICES OR PRICING OR COST OR COSTS OR AMOUNT? ? OR TOTAL? ? OR OFFER? ? OR BID? ? OR DEAL OR FIGURE OR SUM
S9	1036886	HOST? ? OR MERCHANT? OR SELLER? OR RETAILER? OR MANUFACTURER? OR TRADER? OR SUPPLIER? OR VENDOR? OR DEALER? OR SITE? ? - OR WEBSITE? ? OR WEB() SITE? ? OR WEBPAGE? ? OR WEB() PAGE? ?
S10	3009909	FIRST OR INITIAL OR MAIN OR ORIGINAL OR STARTER OR STARTING OR PRIMARY OR EARLIER OR BEGINNING
S11	3810965	ALTERNATIVE OR OTHER OR ANOTHER OR DIFFERENT OR SECOND OR - RIVAL
S12	3058377	MANY OR MULTIPL? OR MULTI OR SEVERAL OR NUMEROUS? OR PLURAL? OR MYRIAD OR VARIOUS? OR VARIED OR DUAL? OR (MORE OR GREATER) () THAN() (1 OR ONE)
S13	50630	(E OR ELECTRONIC OR ONLINE OR ON() LINE OR INTERNET) (W) (COMMERCE OR SHOPPING OR RETAIL OR BUSINESS)
S14	3	S1 AND S2
S15	3	RD (unique items)
S16	148808	S6 AND S7 AND S8
S17	124	S2 AND S3
S18	3	S16 AND S17
S19	3	RD (unique items)
S20	351	S2 AND (S4 OR S5)
S21	13	S20 AND S16
S22	13	RD (unique items)
S23	5	S22 AND S13
S24	569	S13 AND S2
S25	44	S24 AND S16
S26	38	S25 AND S9
S27	20	S26 AND S12
S28	12	S27 AND S11
S29	6	S28 AND S10
S30	4	RD (unique items)
S31	22	S26 AND (S10 OR S11 OR A12)
S32	4	S31 AND (S3 OR S4 OR S5)
S33	4	RD (unique items)
S34	4	S33 NOT S30

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7465868 INSPEC Abstract Number: C2003-01-7210N-024

Title: Domain-dependent information gathering agent

Author(s): Pivk, A.; Gams, M.

Author Affiliation: Jozef Stefan Inst., Ljubljana, Slovenia

Journal: Expert Systems with Applications vol.23, no.3 p.207-18

Publisher: Elsevier,

Publication Date: Oct. 2002 Country of Publication: UK

CODEN: ESAPEH ISSN: 0957-4174

SICI: 0957-4174(200210)23:3L:207:DDIG;1-O

Material Identity Number: N813-2002-007

U.S. Copyright Clearance Center Code: 0957-4174/02/\$22.00

Document Number: S0957-4174(02)00040-4

Language: English Document Type: Journal Paper (JP)

Treatment: Practical (P)

Abstract: A **universal** agent should be capable of gathering information from arbitrary heterogeneous **sites** and **offer** intelligent information services on its own based on information so gathered. We present a domain-dependent agent for information gathering. It can visit an arbitrary domain-related **site** by observing a user perform the **first** query. By understanding key concepts of the **first** query, the agent performs subsequent queries autonomously. When a user asks the agent about a particular item, the agent gathers relevant information from various **sites**. The major advantage of the agent is a semi- **automatic** creation of a wrapper around a particular **site** with few human interventions. We have implemented two versions of such information gathering **agents**: ShinA (**SHopping** Assistant) for e-trading tasks, and EMA (Employment Agent), which performs employment and job related functions over the Internet. (43 Refs)

Subfile: C

Descriptors: **electronic commerce**; employment; information resources; information retrieval; Internet; learning by example; software agents

Identifiers: domain-dependent information gathering agent; **universal** agent; intelligent information services; query; wrapper; ShinA; Shopping Assistant; e-trading tasks; EMA; Employment Agent; Internet; inductive learning; **comparison shopping**

Class Codes: C7210N (Information networks); C6170 (Expert systems and other AI software and techniques); C7250R (Information retrieval techniques); C6150N (Distributed systems software); C7180 (Retailing and distribution computing)

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01839358 ORDER NO: AADAA-I3016380

Mobile software agent enabled e - commerce : System design and profit maximizing algorithms

Author: Dasgupta, Prithviraj

Degree: Ph.D.

Year: 2001

Corporate Source/Institution: University of California, Santa Barbara (0035)

Chairperson: Louise Moser

Source: VOLUME 62/06-B OF DISSERTATION ABSTRACTS INTERNATIONAL.

PAGE 2788. 132 PAGES

Descriptors: COMPUTER SCIENCE

Descriptor Codes: 0984

ISBN: 0-493-27072-8

With the emergence of the Internet, **e - commerce** has become an

attractive means of conducting business. Mobile agents consist of code and data that can move from one computer to another over the Internet, and offer a suitable paradigm for implementing e-commerce processes online. In this dissertation research, we describe a Java mobile agent based system that we have developed, called MAGNET (Mobile Agents for Networked Electronic Trading), for comparison shopping over the Internet. In MAGNET, an online buyer creates a shopping agent that visits different seller sites on the Internet and returns with the best offer that it can find. MAGNET can also be used by online sellers to deploy sales agents that proactively approach buyers to sell their items. For MAGNET we have developed algorithms that improve the sellers' profits by dynamically adjusting the price of the items being sold. These algorithms increase an online seller's profits by 16–20% as compared to earlier dynamic pricing algorithms. Finally, we present protocols that we have developed for the security and reliability of the agents and agent-servers in MAGNET.

34/5/3 (Item 1 from file: 233)

DIALOG(R)File 233:Internet & Personal Comp. Abs.

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00612003 00WQ10-003

Web sites off the rack

Tapper, Sandy

Web Techniques , October 1, 2000 , v5 n10 p25-29, 5 Page(s)

ISSN: 1086-556X

Languages: English

Document Type: Buyer and Vendor Guide

Geographic Location: United States

Presents a buyers' guide to template Web sites . Displays a table comparing six services from five providers on pages, styles, cost , domain name, and shopping cart add-on. Products reviewed are: IBM Web Starter Kits (\$499) from IBM Corp.; IBM HomePage Creator (\$24) from IBM Corp.; ImageCafe EasyStart (\$9) from Network Solutions; Microsoft Site Manager (\$19) from Microsoft Corp.; Bigstep (free) from Bigstep; WebNow Starter Package (free) from WebNow. Cites advantages of an instant presence on the Internet, point-and-click simplicity, and affordability. Mentions, however, that the gains may be offset by a loss of control, inability to customize, and lack of a strong image that differentiates companies from their competitors. Warns business owners against letting an inexpensive design drive their companies' site content or business strategy. Includes two tables and two screen displays. (MEM)

Descriptors: Template; Web Sites ; Web Tools; Web Page Authoring; Design; Electronic Shopping

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DIALOG(R)File 583:Gale Group Globalbase(TM)

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06689158

Inexpensive set-top boxes unleash Internet Tv

JAPAN: SET-TOP BOXES PROMOTE USE OF INTERNET TV

The Japan Times (XAO) 10 Sep 1998 P.8

Language: ENGLISH

According to the government, around 99% of households in Japan have colour TVs and 93% have telephones in Japan. Since the iBOX was released in 1996 by Japan Computer Corp, other set-top boxes had also been introduced in Japan. It is believed that the set-top boxes that enable Internet access will be installed into the TV so that no TV will be sold without its own built-in Internet capability. TV stations will also adjust their programs to allow access to Internet pages and text information can be readable using the TV's internal modem. Viewers will then be able to interact with TV programs using their remote controllers. This will enable viewers to

respond immediately to advertisements and telephone shopping programs will be connected to online shopping sites . The iBOX is the first set-top box launched in Japan. There are different versions of the iBOX, including the Super iBOX Home for ISDN connections, iBOX-1 for general family use and the iBOX-1c for use with cable modems and dial-up routers and the Super iBOXc compatible with a keyboard and mouse. Web TV Networks began its Web TV service with Sony Corp that sold the set-top box. Web TV offers its own informative content, including seasonal information and it is the only set-top box that can perform all 4 main Internet services, inclusive of Net surfing, e-mail, news group reading and online chat. MULCO from NEC Home Electronics has a detachable digital camera that allows both vocal and visual information to be transmitted. It focuses on communication functions rather than Net surfing and thus it has the least options for displaying World Wide Web pages . However it is also the only device that can save e-mail messages for future use. NCTV is the first set-top box to connect Internet data closely with TV broadcasts. User can check Internet information using a big portion of the display while a TV program is playing in one small part of the display.

COMPANY: NEC HOME ELECTRONICS; SONY; WEB TV NETWORKS; ISDN; INTERNET;
JAPAN COMPUTER

PRODUCT: Computers & Auxiliary Equip (3573); Communications Eqp ex Tel (3662); Television Equipment (3651TV); Consumer Electronics (3650); Database Vendors (7375);

EVENT: Market & Industry News (60);

COUNTRY: Japan (9JPN);